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MIDDLEBURY COLLEGE BULLETIN

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1919–1920

MIDDLEBURY, VERMONT

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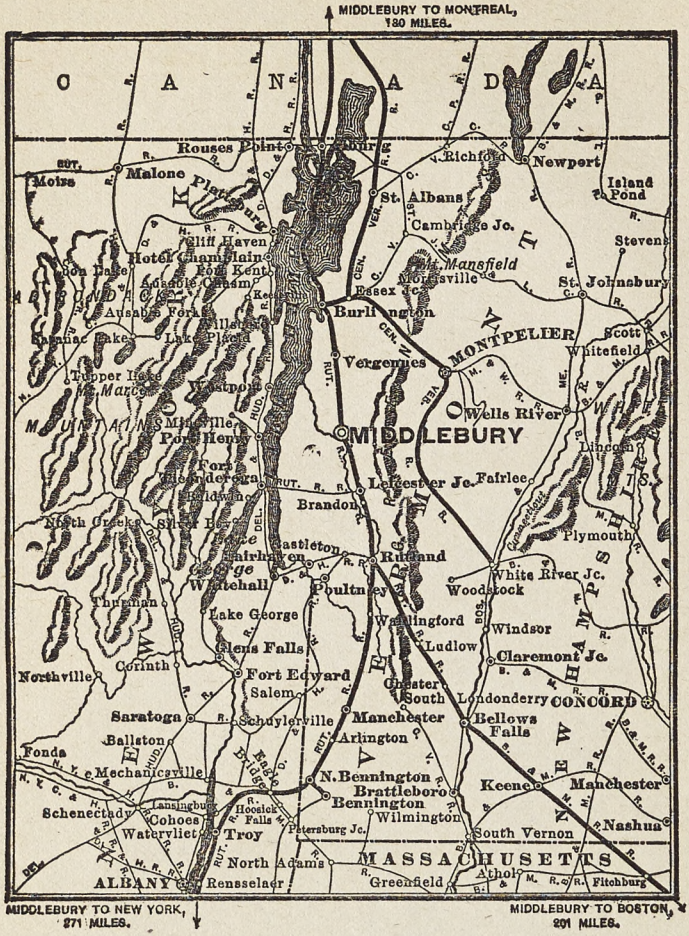

THE CENTRAL COLLEGE OF VERMONT

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Halfway between Vermont's largest cities.
On the Rutland Railroad.
Through trains daily each way between New York and Boston and Montreal.
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A Catalogue of Middlebury College

Middlebury, Vermont

One Hundred and Twentieth Year

1919–1920

Published by the College

1920

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GENERAL INFORMATION

MIDDLEBURY COLLEGE was chartered in 1800 on the model of still older New England colleges and throughout its history has devoted itself strictly to college work, without professional or technical schools. It offers instruction in twenty-one departments by a Faculty of thirty-five Professors, Assistant Professors, and Instructors. The degrees of Bachelor of Arts and Bachelor of Science are conferred upon the completion of a four years' course. A group system of elective studies is maintained.

GOVERNMENT AND RESOURCES

The government of the College is by a Board of Trustees, whose corporate title is "The President and Fellows of Middlebury College." The corporation is self-perpetuating and the charter of the College contains no restrictions as to elections. The College owns buildings, equipment and grounds valued at $759,655. The endowments amount to $1,497,331 of which over two-thirds have been received in the past ten years. An annual appropriation of $28,800 is received from the State of Vermont, of which $4,800 is for scholarships. The annual expenditures for the year 1918–1919 were $120,284. The College has never impaired its endowments and is not in debt. The College suc-

cessfully completed June 30, 1918, a campaign to increase its general endowment. This fund of $428,000 will make it possible to meet deficits caused by the war, to equip and develop more adequately the various departments, and to increase the salaries of professors.

LOCATION

Middlebury is a village of 2000, beautifully situated in the Champlain Valley and equidistant from the northern and southern boundaries of Vermont. It is on the main line of the Rutland Railroad, with through trains both from Boston and New York. The college campus commands a surpassing mountain view, the Adirondacks across Lake Champlain to the west, and on the east a wide sweep of the Green Mountains, much of which is within the 30,000 acre forest preserve belonging to the College.

THE CAMPUS

The College campus comprises 244 acres and is in four sections. The "old campus" of 30 acres contains the main buildings and residences for men: the Battell Campus is reserved for buildings for women; Porter Field of 79 acres comprises the athletic grounds; a fourth section, recently acquired, borders the Otter River for a considerable distance.

BUILDINGS

The College plant includes eleven permanent buildings, besides cottages, professor's houses and smaller structures. The three oldest buildings are of gray limestone, colonial

in architecture. Vermont white marble has been used in most of the more recent structures and the same classic architecture has been followed. Each building has been planned with reference to the others, with ample spaces between. The result is a pleasing harmony and a campus of exceptional beauty. Descriptions of the several buildings will be found elsewhere in this catalogue.

GROWTH

Middlebury College has made substantial progress in the past decade, especially in equipment and in permanent funds. Student attendance has doubled, endowments have been trebled, and the annual income has been quadrupled. Among the recent buildings are: Hepburn Dormitory and Commons, a residence for 100 men, fireproof, with an attractive dining hall and social rooms; the Mead Memorial Chapel, a marble structure of great beauty and impressiveness; the Chemistry building, affording unusual laboratory facilities for that science; and the McCullough Gymnasium, well appointed for physical education.

JOSEPH BATTELL BEQUEST

One of the most unique gifts to an American college was the bequest of the late Joseph Battell to Middlebury, which was received in 1916. For over forty years Mr. Battell had been acquiring forest and mountain lands in the vicinity of Middlebury with a view to the preservation of the forests and the beauty of the natural scenery of the region. His holdings amounted to about 30,000 acres along the

highest ridge of the Green Mountains and including several of the higher mountains of Vermont. Much of the land is heavily wooded and will afford the College the opportunity for the practice of scientific forestry in its immediate vicinity. The value of the estate exceeds $400,000.

OTHER BEQUESTS

A more recent bequest is that of Dr. Henry Freeman Walker of the Class of 1860, of $100,000 for the establishment of a "Furlough and Emergency Fund," the income of which is to be devoted to the needs of the Faculty in providing for occasional periods of rest, recreation or study, and in relieving the more immediate exigencies of sickness. By the will of the late Mrs. Russell Sage the College will receive $100,000. A fund of $10,000 was established in 1918, to be known as the Fletcher D. Proctor Fund for American History, the income of the investment to be applied toward the payment of the salary of an instructor to teach American History.

RELIGIOUS POSITION

Middlebury College is non-sectarian, having never had official connection with any church. The founders, however, were men of deep piety, and a tradition of earnest religious faith and sincere moral purpose was early established, which it is the desire of the College steadfastly to maintain. The entire college assembles daily for a chapel service, required of all students. A vesper service is held on Sunday, which

all students are required to attend unless excused for urgent cause.

STUDENTS are admitted to Middlebury College either upon examination or by certificate as follows:

METHODS OF ADMISSION

1. *By Certificate:*

a. Students in New England from schools upon the approved list of the New England College Entrance Certificate Board will be admitted on certificate of their high school principals. No total certification for less than seven points will be considered, but the seven points need not all be from one school. Blank certificates will be mailed to principals upon application.

Schools not upon the approved list of the Certificate Board, but meeting its requirements in respect to curriculum, teaching staff, and equipment, may, for the purpose of showing their standard of certification, send one or more students on certificate, if arrangements for so doing are concluded with the Board before April 1. Inquiries on this subject may be addressed to Dean Frank W. Nicolson, Secretary of the Board, Wesleyan University, Middletown, Ct.

b. Students outside of New England from schools upon the approved lists in their respective states will be admitted on the same basis as those from approved schools in New England.

c. Students who have taken the examinations of the College Entrance Examination Board may present certificates from the Board and will be given credit for all courses in which they have attained 60 per cent, the passing grade of

the College. All applications for the Board examinations, which will be held June 21–26, 1920, must be addressed to the Secretary of the College Entrance Examination Board, 431 West 117th St., New York, and must be made upon a blank form to be obtained from the Secretary of the Board, for examinations at points in the United States on or east of the Mississippi River. The examination fee is $5.

d. Students who have passed the examinations of the Board of Regents of the State of New York will be credited upon certificate for all such courses.

2. *By Examination:*

These examinations are of two kinds:

Method I. This method can be used only by students who desire to make up deficiencies due to partial certification.

Method II. Students using this method may be admitted after successfully passing examinations in certain assigned subjects. Regulations concerning both these methods are given in the following pages. Examinations are held at Middlebury in June and September. It is also possible to take the examinations in June under the supervision of the candidate's high school principal. Inquiries concerning the examinations should be made by men of the Dean and by women of the Dean of women.

CERTIFICATION AND EXAMINATION METHOD I

For admission to either course by certificate, or by certificate and Examination Method I, fourteen points, or admission credits, are necessary. A point

is a preparatory subject pursued one year with five recitation periods a week. Ten points in each course are required; the remaining four may, at the discretion of the Admission Committee, be made up from any subjects taken in the preparatory school. There can be no substitutions for the required subjects. These are indicated below.

REQUIRED POINTS

FOR THE A.B. COURSE		FOR THE B.S. COURSE	
Latin	4	English	3
English	3	Latin, Greek, German, French, or Spanish	2
Algebra	1	Algebra	1
Geometry	1	Geometry	1
History	1	History	1
		Science	2

The requirement in history may be met by one point from the following list:

Greek History	½	Modern European History	½ or 1
Roman History	½	English History	½ or 1
Medieval European History	½ or 1	American History	½ or 1
		Civics	½

The science requirement may be met by two points from the following list:

Physics	1	Physical Geography	½
Chemistry	1	Astronomy	½
Botany	½	Advanced Algebra	½
Physiology	½	Solid Geometry	½
Zoölogy	½	Plane Trigonometry	½

Greek may be substituted for Latin in the A.B. requirement.

OPTIONAL POINTS

Optional points may be chosen from any of the subjects in the lists above which may not have been used in determining the required points presented by the candidate. In addition any other subject in the candidate's course may, at the discretion of the Admission Committee, be used in determining optional points.

DEFINITION OF ADMISSION POINTS

A special circular defining admission points and outlining the work recommended to be covered in each subject will be sent upon request.

EXAMINATION METHOD II

To be admitted under this plan, a candidate

1. Must present evidence of an approved school course satisfactorily completed; and
2. Must show in four examinations as explained below that his scholarship is of satisfactory quality.

SCHOOL RECORD

A candidate must present to the Committee on Admission evidence of his secondary school work in the form of an official detailed statement showing

(*a*) The subjects studied by him and the ground covered;
(*b*) The amount of time devoted to each;
(*c*) The quality of his work in each subject.

To be approved, this statement must show

(*a*) That the candidate has satisfactorily completed a four-year secondary school course;

(*b*) That his course has been concerned chiefly with languages, science, mathematics, and history;

(*c*) That two of the studies of his school programme have been pursued beyond their elementary stages, *i.e.*, to the stage required by the present advanced examinations of Middlebury College.

THE EXAMINATIONS

If the official detailed statement presented by the candidate shows that he has satisfactorily completed an approved secondary school course, he may present himself for examination in four subjects, as follows:

(*a*) English;

(*b*) Latin or Greek; or, for a candidate for the B.S. degree, two years of Latin, French, German, or Spanish;

(*c*) Mathematics, or Physics, or Chemistry;

(*d*) Any subject, not already selected under (*b*) or (*c*), from the following list: Greek, French, German, Spanish, History, Latin, Mathematics, Physics, Chemistry.

INSTRUCTIONS TO THOSE DESIRING TO BE ADMITTED UNDER METHOD II

All candidates unable to present certification for seven or more points must use this method of entrance. Candidates who have taken advanced work in any subject in which they are examined must answer from the questions on the paper a certain number drawn from this advanced work. For instance, candidates who have had three years of French will

be expected to answer the questions in the advanced section of the paper. Each person who examines papers of any candidate will be furnished with a copy of the candidate's school record, and will return to the Admission Committee, with the candidate's paper, a judgment upon it in which the school record is taken into account.

Under this plan no entrance conditions can be incurred; either the candidate will be admitted without conditions, or he will be refused admittance. His total record must clearly show that he is a desirable student. No subject will be counted by itself; the basis of admission is the work as a whole. If the candidate is refused admission, he cannot be credited with certain examinations and allowed to complete the record at some future time. Subsequent application for admission will involve the repetition of all the examinations.

ENTRANCE CONDITIONS

STUDENTS entering by certificate, or by certificate and Examination Method I, may matriculate conditioned three points. Two of these may be required points provided they are in different subjects; but no conditions will be allowed in required subjects in which the candidate has no preparatory school record. Under Examination Method II, as already stated, entrance conditions cannot be incurred.

Entrance conditions may be removed by any of the following methods:

a. By examination. The regular entrance examinations of June and September furnish convenient opportunities for those wishing to avail themselves of this method.

b. By work in the Summer Session, if the necessary courses are given.

c. By an average of 80 per cent in all the work of either semester of the Freshman year, which will remove entrance conditions not exceeding two points for each semester, provided that the student's grade in no subject falls below 70 per cent.

d. By taking extra subjects in the second semester, in accordance with the rules.

e. By the operation of the following rule: Entrance conditions remaining at the opening of a student's second year will be canceled by deducting three credits from his college record for each unit or fraction thereof; but this shall not be construed as prejudicing any work that he may have done toward satisfying major and minor requirements, or in meeting his prescribed courses. After the opening of his second year, no student may take any examination to remove entrance conditions.

Detailed information for each student as to the time for removing entrance conditions, and the subjects available, may be obtained from the Admission Committee.

GENERAL DIRECTIONS

APPLICATIONS for admission may be made upon forms furnished by the Deans. Men should apply to the Dean and women to the Dean of Women. After applications have been received, the necessary blanks for admission by certificate or for application for

examination by Method II will be sent out. Certificates are always sent to the principal of the school; other blanks are sent to the candidate. It will not be necessary for those who desire to combine admission by certificate and by Examination Method I to file a separate application for examination, except as the Admission Committee shall request.

ADMISSION
TO ADVANCED STANDING

A CANDIDATE for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, if he presents a detailed statement of his previous work. This statement should include a full list of preparatory subjects accepted for admission by the institution previously attended, and also a list of the subjects taken there for which credit has been attained. A letter of honorable dismissal from the institution last attended must also be presented.

Every other candidate for admission to advanced standing must first satisfy the entrance requirements of the course which he desires to enter. He may then request of the Registrar, at the time he registers, that he be given an examination for college credit in any subject of the Freshman year. If he passes such an examination with a grade of 75 per cent, credit will be allowed for the course toward either degree. A student who passes any

subject in this manner will be required to carry the normal number of recitations a week from the studies open to election by his class. Such students, not coming from other colleges, will be required to pay a fee of $5 if admitted to the Sophomore class, or $10 if admitted to higher rank.

MIDDLEBURY'S SPECIALTY

A TYPE OF STUDENT

The specialty of Middlebury is not a department of study, but a type of student. The location of the College in a frugal agricultural region favors economy. For over a century she has sought out particularly the youth from the quiet homes of northern New England and surrounded them with encouragement to modest living while engaged in the pursuit of knowledge. By resolute endeavor college expenses have been kept low. Students who have to work their own way are especially encouraged, in the belief that such students furnish the most healthful tone to an institution of learning. Those who can afford more than Middlebury exacts are invited to consider the advantages to character which come from such an atmosphere in the formative period of life.

INDIVIDUAL TRAINING

The Middlebury idea is that, since no two men are alike, each student needs the particular care and oversight of his instructors during his entire college course. With a small student body and an ample number of

professors such oversight is possible, and the unusual success of Middlebury's graduates is believed to be due to its maintenance. For the more certain continuance of this success, the College reserves the right to request the withdrawal, even though no specific charge is made against him, of any student whose presence is considered detrimental to its welfare.

OPENINGS FOR COLLEGE GRADUATES

While the first object of a college course should be the development of mind and personality which will enable one to lead a life of greater effectiveness and usefulness, the studies of a college course lead more directly to attractive vocations than is often realized. The demand for men and women in many employments is increasing rapidly. The question of the earnest student — What can I do after I graduate? — is legitimate, and a few of the openings may be here suggested. The following groups of elective studies are in part professional and in part pre-professional; that is, some lead to immediate employment in the fields indicated, as in business, chemistry, and education; others to later technical studies, as in engineering, law, and medicine. They constitute in each case only part of the student's entire program, so that opportunity is left for a reasonable number of free electives.

BUSINESS

Principles of Economics; Money, Credit, and Banking; Public Finance; Problems of Labor; Elements of

Government; American Government; Political History of the United States; Social History; Business Law; International Law; Introduction to Psychology; Logic; Ethics; Social Ideals; Speaking; American Literature; French, German, or Spanish.

Chemistry

Freshman Mathematics; General Physics; Physical Measurements; French or German; General Chemistry; Qualitative and Quantitative Analysis; Descriptive and Advanced Organic Chemistry; Industrial Chemistry; Principles of Economics; Elements of Government; American Government; Europe and Its Dependencies.

Education

In addition to the particular subjects which the student intends to teach, for which special programs should be made, the following courses are essential:

Introduction to Psychology; The Psychology of Learning or Educational Psychology; Principles of Education; History of Education; High School Instruction; The Junior-Senior High School; Practice Teaching.

Engineering

Admission to the Sophomore Class in the best schools of technology requires, in general, courses in the following subjects:

Chemistry, Engineering Drawing, Descriptive Geometry, English, Mathematics, Physics, and Political Science.

For admission to the Junior Class, Analytic Mechanics (Physics 9) and Mechanism (Drawing and Surveying 3a–4a) should be added.

FOREIGN RELATIONS

Speaking; American Literature; French, German, or Spanish; Principles of Economics; Money, Credit, and Banking; Public Finance; Problems of Labor; Elements of Government; American Government; English Government; Constitutional Law; International Law; Political History of the United States; The United States since the Civil War; Europe and Its Dependencies; Introduction to Philosophy; Social Ideals.

FORESTRY

General Geology; General Biology; Structural and Systematic Botany; Plant Physiology; Freshman Mathematics; Mechanical Drawing; Surveying and Topography; Advanced Surveying; Principles of Economics; General Physics; Principles of Forest Management; Elements of Government; American Government; Political History of the United States; The United States since the Civil War; Europe and Its Dependencies.

LAW

Speaking; Elements of Delivery; Shakespeare; Mediæval and Modern European History; Political History of the United States; The United States since the Civil War; Europe and Its Dependencies; Elements of Political Science; American Government; English Government; Constitutional Law; International Law; Jurisprudence; a year of science; Principles of Economics; Public Finance; Problems of Labor; Introduction to Philosophy; French.

MEDICINE

The student may take at Middlebury pre-medical courses covering two or three or four years based on

the requirements of the American Medical Association. These requirements specify courses in Chemistry; Biology; Physics; French or German; English; Mathematics.

Religious and Social Service

Introduction to Psychology; Introduction to Philosophy; Logic; Ethics; Social Ideals; Principles of Economics; General Biology; Physiology and Hygiene; Genetics; Physical Education; Europe and its Dependencies; Elements of Government; American Government; Business Law; International Law; Spanish, French, or German; Speaking; Beginnings of Christianity.

THE COLLEGE CURRICULUM

BACCALAUREATE DEGREES[1]

MIDDLEBURY COLLEGE confers the degrees of Bachelor of Arts and Bachelor of Science in accordance with the following regulations:

Every candidate for the degree of Bachelor of Arts shall before graduation complete a major in either Group One or Group Two, a minor in each of the two groups in which he does not major, one year of English, and two years of Greek or Latin.

Every candidate for the degree of Bachelor of Science shall before graduation complete a major in either Group Two or Group Three, a minor in each of the two groups in which he does not major, one year of English, and two years of Mathematics.[2]

ORGANIZATION OF COURSES

IN explanation of these requirements, it should be noted that the courses of instruction offered by Middlebury College are organized in twenty-two departments. These departments are arranged in three *Groups*, as shown in the following table:

[1] The regulations governing the attainment of the degrees of Master of Arts and Master of Science will be found elsewhere in the catalogue.

[2] Any B.S. student may substitute Physics 1–2 or Biology 1–2 for the second year of the Mathematics requirement.

Group One	*Group Two*	*Group Three*
English	Economics	Biology
French	Fine Arts	Chemistry
German	History	Drawing and Surveying
Greek	Music	Geology
Latin	Pedagogy	Home Economics
Spanish	Philosophy	Mathematics
	Physical Education	Military Science and Tactics
	Political Science	Physics

Most of the courses of instruction offered in the various departments are lettered A, B, or C. These letters refer to the evaluation of the courses so lettered in completing *major* and *minor* requirements: admission to courses of advanced grade is gained only by completing one or more appropriate courses of more elementary grade which are designated *prerequisites*.

FRESHMAN YEAR

EVERY candidate for the degree of Bachelor of Arts is required to begin his classical requirement for graduation in the Freshman year. This is Latin 1–2, or Greek 1–2, or Greek 13–14. Every candidate for the degree of Bachelor of Science is required to take Mathematics 1–2 in the Freshman year. All Freshmen must complete the requirement of fifteen hours a week by electing from the courses open to their class. Freshmen who give evidence by special examination that they are qualified to enter courses of higher grade in any department open to them are admitted to such courses.

MAJORS AND MINORS

Upon the completion of his Freshman year, each student determines in a general way the subjects of study which he intends to pursue during the remainder of his college course. The fields which have a special interest for him he indicates by registering his choice of *one major* and *two minors* to be completed before he graduates.

A major may be defined as a subject which a student elects to pursue in college through six lettered courses (18 hours) of one department, of which not more than two courses may be of A grade and not less than two shall be of C grade. A few courses may be counted toward fulfilling requirements in either of two departments. These are specified in the descriptions of such courses.

A minor consists of a subject which a student elects to pursue in college through four lettered courses (12 hours) of one department, of which not more than two courses may be of A grade. Lettered courses that have been taken in the Freshman year may be counted toward fulfilling major and minor requirements.

DISTRIBUTION OF WORK

While the selection of major and minor subjects enables each student to concentrate his attention upon those fields which have particular interest for him sufficiently to secure in them a higher degree of attainment than in others in which specialization

does not proceed so far, he should be equally solicitous of securing in his college course as a whole a sufficient distribution of electives to obtain for himself that variety of interests and breadth of view that graduation from a college of liberal arts implies.

To accomplish this purpose a distribution requirement is operative which makes it necessary for each student to complete not less than six courses in each of the three groups and does not permit him to count toward a baccalaureate degree more than twenty courses (one-half of his entire course) in any one group. This regulation, however, does not restrict qualified students from taking extra courses in a group, either for honors or to apply towards a Master's degree.

ELECTIVE COURSES

The major and minor requirements involve less than one-half of the total number of credits required for graduation and permit the student, therefore, a wide range of free electives. The remaining credits necessary for graduation may be obtained by completing any of the courses, within the limits of the distribution rule, which are described as open to election by the class of which the student is a member. With few exceptions, courses are open to election by two classes and a large number may be elected by three classes. A few courses are unlettered: these may be chosen in the years designated and will be counted for credits toward graduation like other courses, but may not be

counted toward fulfilling major and minor requirements except by special permission of the Administration Committee. Before registering, a student should consult carefully the hours at which the different courses are scheduled to recite. No change of studies will be allowed during the first week of class-room work except by permission of an Adviser. After the first week of class-room work, no change may be made except by permission of the Administration Committee and the instructors involved, and upon payment of a fee of $1.00.

ADVISERS

To give students that individual assistance which is necessary to a wise selection of courses, and to prevent errors, all elections made by students must be endorsed by an Adviser. This must be done before the Registrar will issue Admission Cards to the courses.

RECITATION REQUIREMENTS

THE student's work is estimated in hours and credits. An hour means one period of class work per week for one semester. Laboratory courses require double periods but are rated the same as recitation courses. The normal number of courses of study required of each student is five.[1] The circumstances under which more or less than this number may be taken

[1] In the case of students beginning modern language this is reduced to four, since beginners' courses in the languages recite six instead of three times per week.

are explained elsewhere.[1] All courses, unless otherwise stated, are conducted three hours a week, so that the normal amount of class-room work required is fifteen recitation hours a week, exclusive of preparation.

While the amount of time required for thorough preparation differs in different studies and for different students, every student should allow two hours of time for the preparation of each hour of recitation, except in laboratory courses, and the best results of collegiate training cannot be expected from less.

REQUIREMENTS FOR GRADUATION

When satisfactorily completed, each hour of recitation a week for each semester counts one credit toward graduation. One hundred and twenty credits of appropriately selected work, exclusive of that required by the Department of Physical Education for Freshmen, must be completed for the attainment of either of the baccalaureate degrees. These degrees are conferred *cum laude* upon those who have attained an average rank in the entire course of 85–90 per cent; *magna cum laude*, if it is 90–95 per cent; *summa cum laude*, if it is 95 per cent or above.

HEALTH MEASURES

In order to assist students in establishing right habits of living, with the proper distribution of time for work, play, and rest, the physical directors

[1] See Enrollment, page 88.

for men and women give each student a careful examination upon admission to college, repeat this examination at their discretion throughout the student's stay in college, keep records of the examinations and measurements of each student, and prescribe such outdoor sports and indoor gymnasium work as are necessary to meet the needs of each individual case. The importance to the student of laying a sound physical foundation during the years of the college course cannot be over-estimated, and the college reserves the right to ask the withdrawal of any student whose physical condition is unfit. The attendance of Freshmen is required at such lectures on personal hygiene as may be announced by the directors of physical education.

REGISTRATION

EVERY student must register his election of courses before the beginning of each semester, at dates which are announced in advance. Upon the payment of his semester bills, he receives admittance cards to the courses elected. No student will be accepted in any course until he presents to the instructor in charge a card from the Registrar admitting him to that course.

ADVANCED STANDING

STUDENTS who have gained credits toward admission to college in any study which is offered in the curriculum will ordinarily be required to elect some

other study in its place. This may be an advanced course in the same department or a course in some other department. A Freshman who is admitted to college without conditions may request of the Registrar, at the time he registers, that he be given an examination for college credit in any subject of the Freshman year. If he passes such an examination with a grade of 75 per cent, credit will be allowed for the course toward either degree. A student who passes any subject in this manner will be required to carry the normal number of recitations a week from the studies open to election by his class.

A student satisfying his instructor of his fitness to do so, may take a qualifying examination in any subject of the Freshman year, which, if passed, will be accepted as prerequisite to the succeeding course, but will not entitle him to college credit for the examination so passed. An examination in Mathematics so passed will apply toward meeting the mathematical requirement for a degree.

DEPARTMENTS AND COURSES OF INSTRUCTION

INSTRUCTION in all departments is open to the students of the Women's College, on equal terms with the men, under the same conditions of election, and with the same requirements for graduation.

Each course, unless otherwise specified, meets three times a week. The Arabic numerals preceding the courses indicate the registration number of the courses in 1919–20. The capital letter following the title of a course indicates the grade of that course.

Unlettered courses cannot be counted toward the completion of majors and minors except by special permission of the Curriculum Committee. Prerequisite courses are shown in parentheses. A hyphen between two course numbers signifies that both are prerequisite. Bracketed courses are not given in the current year. Not more than two courses in one department may be taken at the same time except by permission of the Administration Committee. Freshmen may not take more than one course in English in each semester.

BIBLE STUDY

Professor HARRINGTON

See History 15–16.

BIOLOGY

Professor Mills
Professor Longwell

1, 2. General Biology. A

A general cultural course dealing with fundamental biological laws and the interrelations of plants and animals. A part of the laboratory work of the fall and spring months will be done out of doors.

Laboratory fee, $5 for each semester. Freshmen and Sophomores. Professor Mills.

3, 4. Structural and Systematic Botany. B

Intended as a general cultural course, showing the vital importance of botany to modern life; also as a preparation for teaching botany. Includes a survey of the plant kingdom beginning with the lower forms. (Biol. 1–2.)

Laboratory fee, $5 for each semester. Sophomores, Juniors, and Seniors. Professor Mills.

5. Invertebrate Zoölogy. B

A study of invertebrate animals, with special emphasis upon protozoa and insects. Their structure, habits, and relationships. Laboratory examination of typical representatives. (Biol. 1–2.)

Laboratory fee, $5. Sophomores, Juniors and Seniors. Professor Longwell.

6. Comparative Anatomy of Vertebrates. B

This course offers to the general and the pre-medical student a comprehensive knowledge of vertebrate struc-

ture, with special reference to man, together with adaptations and evolution. Dissection of selected examples. (Biol. 1–2.)

Laboratory fee, $5. *Sophomores, Juniors, and Seniors.* Professor LONGWELL.

7, 8. BACTERIOLOGY. C

The principles of bacteriology and their application in the household, in sanitation, medicine, and various agricultural and industrial processes. This course aims to give students a general knowledge of bacteria, with laboratory technic for the study of species and the bacteriological examination of soil, air, water, milk, and sewage. (Biol. 1–2.)

Laboratory fee, $5 for each semester. Sophomores, Juniors, and Seniors. Professor LONGWELL.

9, 10. EMBRYOLOGY AND HISTOLOGY. C

A study of the development of the human body. It treats of the reproductive cells, maturation, fertilization, cleavage, and the development of the principal organs. The laboratory work consists of practical histological technic, a study of the elementary tissues, early stages in the development of the chick, dissection and study of the later embryonic stages of the pig. (Biol. 6.)

Laboratory fee, $5 for each semester. Juniors and Seniors. Professor LONGWELL.

[11. PLANT HISTOLOGY. C]

Tissues and tissue systems of spermatophytes. Principles and methods of killing, fixing, imbedding, sectioning, staining, and mounting. (Biol. 3–4.)

Laboratory fee, $5. *Juniors and Seniors.* Professor MILLS.

12. Plant Physiology. C

A course for students who expect to teach botany or pursue work in agriculture, forestry, or plant pathology. (Biol. 3–4.)

Laboratory fee, $5. *Juniors and Seniors.* Professor Mills.

14. Physiology and Hygiene. A

Designed to give a general knowledge of the function and hygienic relations of the organs of the human body, with special reference to the subsequent study of psychology, dietetics, physical education, and medicine. (Desirable antecedents: Biol. 6, Chem. 1–2.)

Laboratory fee, $5. *Sophomores, Juniors, and Seniors.* Professor Longwell.

16. Genetics. C

Theories of organic evolution; the principles of variation, selection, and heredity; the material basis of heredity; Mendelian inheritance and the application of its principles in animal and plant breeding and eugenics. (Biol. 3–4 or 5–6: Permission of instructor.) *Juniors and Seniors.* Professor Mills.

18. Principles of Forest Management. C

An introduction to the study of forestry and forest management. The silvicultural systems of management and the methods of regulating the yield in order to obtain a continuous production of forest crops. Methods of forest valuation. The practice of forestry in Europe and America. The organization of the United States Forest Service and its administration of the National Forests.

State and private forestry in this country. (Biology 2 or 4.)

Juniors and Seniors. Professor TERRY.

CHEMISTRY

Professor VOTER [1]
Assistant Professor DAVIS
Mr. HALL
Mr. MASON

1, 2. GENERAL CHEMISTRY. A

Introduction to the fundamental principles of general chemistry with the preparation and study of the elements and their more common compounds in the laboratory.

Laboratory fee $12 and breakage for the year. Freshmen and Sophomores. Mr. MASON and assistants.

3, 4. QUALITATIVE ANALYSIS. B

Laboratory work in the complete analysis of unknown solutions and solids, including salts, alloys, and minerals. Lectures on the applications of Physical Chemistry to Qualitative Analysis and discussions of the scheme. (Chem. 1–2.)

Laboratory fee, $14 for the year and breakage. Freshmen (by examination), Sophomores, and Juniors. Mr. MASON and assistants.

[1] On leave.

5, 6. Quantitative Analysis. C

Laboratory work and lectures dealing with the general methods of Quantitative Analysis, gravimetric, volumetric, and electrolytic. (Chemistry 3–4.)

Laboratory fee, $10 and breakage for the year. Juniors and Seniors. Mr. Hall.

7, 8. Industrial Chemistry. C

Lectures on the general principles, the reactions involved, and the apparatus used on a commercial scale in such industries as the manufacture of heavy chemicals, fuels, coal tar products, textiles, foods, etc. This course alternates with Chemistry 13–14. (Chemistry 9–10, at least simultaneously.)

Laboratory fee, $6 for the year. Juniors and Seniors. Mr. Hall.

9, 10. Descriptive Organic Chemistry. C

Lectures on the carbon compounds of the aliphatic series. The methods of synthesis, properties, structure, industrial application, and physiological action of the more important members of the different homologous series are studied in detail. Laboratory work during the second semester, in the purification, identification, and synthesis of compounds of the aliphatic series. (Chem. 3–4, at least simultaneously.)

Laboratory fee, $10 and breakage for the year. Sophomores, Juniors, and Seniors. Assistant Professor Davis.

11, 12. Advanced Organic Chemistry and Organic Preparations. C

Lectures on the carbon compounds of the aromatic series and the principles of organic synthesis. Laboratory

work in the preparation of typical organic compounds. Ultimate analysis. (Chemistry 9–10 and 5–6, at least simultaneously.)

Laboratory fee, $20 and breakage for the year. Juniors and Seniors. Assistant Professor DAVIS.

[13, 14. THEORETICAL AND PHYSICAL CHEMISTRY. C]

(Chem. 3–4.)

Sophomores, Juniors, and Seniors. Professor VOTER.

DRAWING AND SURVEYING

Professor SWETT

1, 2. MECHANICAL DRAWING. A

Lettering; applied geometry; orthographic projection; developed surfaces and intersections; pictorial representation; working drawings; technical sketching; tracing and blueprinting.

Instrument fee, $4 for the year. Freshmen and Sophomores.

[3, 4. DESCRIPTIVE GEOMETRY. B]

Problems relating to lines and planes; to single curved, double curved, and warped surfaces; intersection of solids. (Permission of instructor.)

Instrument fee, $4 for the year. Sophomores, Juniors, and Seniors.

3a, 4a. MECHANISM, AND ENGINEERING DRAWING. C

Motions and forms of various mechanisms occurring in machines; gear-teeth and the design of valve gears for

steam engines. The drawing includes practical problems supplementing the mechanism, also machine drawing (D. and S. 1–2).

Instrument fee, $4 for the year. Sophomores, Juniors, and Seniors.

5, 6. SURVEYING AND TOPOGRAPHY. B

Lectures, field work and drafting. Use, adjustment, and care of instruments; surveying methods; computations; plotting; topographical drawing; military map making and sketching. (D. and S. 1–2, and Trig.)

Instrument fee, $2 for the year. Sophomores, Juniors, and Seniors.

[7, 8. ADVANCED SURVEYING. C]

Methods of topographic and geodetic surveying; mathematics of curves, with application to highways and railroads. (D. and S. 5–6.)

Instrument fee, $2 for the year. Juniors and Seniors.

NOTE. Students who expect to take a course in a school of technology after graduation should consult the head of this department in regard to their election of subjects.

ECONOMICS

Professor STEVENS

1. PRINCIPLES OF ECONOMICS. A

An introductory course giving a systematic survey of the general field of economics. The fundamental theories and some of their more important applications are discussed.

Sophomores, Juniors, and Seniors.

2. Principles of Economics. B

Continuation of Course 1 in the second semester.
Sophomores, Junors, and Seniors.

3. Money, Credit, and Banking. B

Functions of money; money system of the United States; money and prices; functions of the bank; domestic and foreign exchange; bank supervision; foreign banking systems; the Federal Reserve System; present banking problems. (Econ. 1.)
Sophomores, Juniors, and Seniors.

5. Problems of Labor in Reconstruction. B

Women and child labor; immigration; unemployment; labor organizations; agencies of industrial peace; industrial education; self-government in industry. (Econ. 1 or 7.)
Sophomores, Juniors, and Seniors.

7. Sociology. A

Basis of society; social evolution; social institutions; social control; social progress; modern social problems.
Sophomores, Juniors, and Seniors.

10. Railroad Problems. B

Railroad securities; speculation; rate-making; physical valuation of railroad properties; pooling and interrailway agreements; railroad supervision; governmental administration; present railway problems. (Econ. 1.)
Sophomores, Juniors, and Seniors.

12. Public Finance. B

Theory of finance; nature of governmental receipts and expenditures; nature of a budget; taxation and its problems; governmental credit; war loans; administration of a public debt; public domain and public industries. (Econ. 1.)

Sophomores, Juniors, and Seniors.

Note. Students desiring to major in this department may arrange with the instructor for special work in connection with courses 3, 5, 10, or 12, which will enable any of them to be counted as of C grade.

ENGLISH

Professor Wright
Professor Cady
Assistant Professor Davison

1, 2. Composition. A

A laboratory and lecture course, based on a series of problems illustrative of the principles of unity, coherence, and emphasis.

Freshmen and Sophomores. Professor Cady.

3, 4. History of English Literature. A

A rapid treatment of the successive phases of English literary development, from the beginning to the present time, with constant use of illustrative material in prose and verse. English 4 may be taken independently of English 3.

Freshmen and Sophomores. Professor Wright.

5, 6. Speaking. B

A study of the principles of the adequate and effective expression of ideas with practice in the application of these principles. (English 5 is a prerequisite for English 6.)

All classes. Assistant Professor Davison.

7. The English Language. C

A course intended to quicken interest in the mother tongue and to stimulate the desire for a greater mastery of its resources. While special attention will be given to the needs of those who may be looking forward to the teaching of English in secondary schools, this course should prove generally practical. (Any two courses in English.)

Juniors and Seniors. Professor Wright.

8. Elements of Delivery. A

The relation of thought and speech, thought-grouping, phrasing and centering, emphasis, tone color, the music of speech, the elements of voice training for speaking, and the study and oral interpretation of selections.

Open to all classes. Assistant Professor Davison.

9, 10. Shakespeare. B

A study of the fundamental facts of Shakespeare's life and art as illustrated in a selected number of the plays. English 10 may be taken independently of English 9 (English 3 or 4.)

Sophomores and Juniors. Professor Cady.

11. Eighteenth Century Poetry. C

(English 3 or 4.)

Juniors and Seniors. Professor Cady.

12. Shakespeare's Predecessors. C

(English 9 or 10.)

Juniors and Seniors. Professor Cady.

13, 14. American Literature. B

A treatment of the successive phases of American literary development. (English 3 or 4. English 13 or its equivalent is a prerequisite for English 14.)

Sophomores, Juniors, and Seniors. Assistant Professor Davison.

16. Essentials of Speaking. B

A survey course of the fundamental principles of practical speaking, with individual coaching on personal problems.

Juniors and Seniors. Assistant Professor Davison.

17, 18. Nineteenth Century Prose. C

English 18 may be taken independently of English 17. (English 3 or 4.) Professor Wright.

20. The Principles of Poetics. C

A study of the technical principles of the art of verse and of its various forms in English poetry. The needs of teachers of English in secondary schools will be kept constantly in mind, but the course should prove of value to all students of literature. (English 3 or 4.)

Juniors and Seniors. Professor Wright.

Note. No freshman will be allowed to take more than one English course in a given semester.

FINE ARTS

Professor SANFORD

1. ARCHITECTURE.

Lectures, stereoptican talks, and readings on architecture from Egyptian to modern times.
Juniors and Seniors.

2. SCULPTURE AND PAINTING.

Lectures illustrated by photographs and lantern slides, supplemented by readings, on the history of sculpture and painting from antiquity to the present time.
Juniors and Seniors.

FRENCH

Professor ROBINSON
Professor WILLIAMSON DE VISME

1a, 2a. BEGINNERS' FRENCH.

A careful drill in pronunciation, elementary syntax, reading, and conversation. This course will be given entirely in French.
Freshmen. Professor WILLIAMSON DE VISME.

3, 4. INTERMEDIATE FRENCH. A

Thorough review of grammar; conversation; dictation; retroversion; reading. (French 1a–2a, or two years of preparatory school French.)
Professor ROBINSON.

5, 6. Contemporary French. B

Modern prose, poetry, and the drama, supplemented by a study of some of the more representative French reviews and newspapers, with weekly exercises in writing French. (French 3–4, or three years of preparatory school French.)

Professor Robinson.

9, 10. French Literature in the Eighteenth Century. C

A comprehensive survey of the intellectual and philosophical movements which resulted in the Revolution, the Encyclopedia, Montesquieu, Voltaire, Rousseau; rise of the drama. Lectures and outside reading. (French 5–6.)

Professor Robinson.

13, 14. Teachers' Training Course. C

Advanced syntax; study of methods; vocabulary building, etc. This course will be given in French. (French 5–6.)

Juniors and Seniors. Professor Williamson de Visme.

21, 22. Cours d'Histoire de France. Cours Moyen. C

Prerequisite: a speaking knowledge of French. This course will be given in French.

Professor Williamson de Visme.

GEOLOGY

Professor SWETT

1. GENERAL GEOLOGY. A

(*a*) Dynamical: the forces that have shaped, and are now shaping, the earth's surface. (*b*) Structural: the structure of the earth's crust and the more important rocks and minerals. Field trips. (Chem. 2 or Biol. 1–2.)
Sophomores, Juniors, and Seniors.

2. GENERAL GEOLOGY. A

(*c*) Historical: the history of the evolution of the earth and of the organic kingdom. (*d*) Introduction to Economic Geology. Field trips. (Geol. 1.)
Sophomores, Juniors, and Seniors.

GERMAN

Professor SKILLINGS [1]
Assistant Professor DAVISON

[1a, 2a. BEGINNERS' GERMAN.]

Essentials of phonetics, drill in pronunciation and comprehending the spoken language; elements of grammar; reading of simple prose. Six hours a week. This course may be elected as two courses each semester and counts six points toward the A.B. or B.S. degree.

3, 4. INTERMEDIATE GERMAN. A

Grammar review; conversation, free reproduction and composition based on texts read; memorizing of idioms;

[1] On leave.

sight reading. (German 1a–2a, or two years of preparatory school German.)

[5, 6. Modern German Prose. B]
(German 3–4, or three years of preparatory school German.)

[7, 8. The Classic Period. B]
(German 3–4, or three years of preparatory school German.)

[11, 12. Nineteenth Century Literature. C]
(German 8.)

[17, 18. Speaking and Writing German. C]
(Any B course in German.)

GREEK

Professor Burrage [1]
Professor Billings

13, 14. Beginners' Greek. A
A course for those who wish to begin Greek in college. The course should fit the student to take up the regular Freshman Greek the following year.
All classes.

1. Greek Reader, and the Gospel of Mark B
(Greek 13–14, or its equivalent.)
Freshmen, Sophomores, and Juniors.

[1] On leave.

2. Homer's Odyssey (Selections). B

In the Odyssey, the ethical import is kept carefully in view, and the conditions of the life described in the poem are illustrated by a consideration of archeological discoveries. (Greek 1.)

Freshmen, Sophomores, and Juniors.

3. Euripides' "Iphigenia among the Taurians"; Lyric Poets (Selections). C

Lectures are given on the origin, history, and purpose of the drama. (Greek 2.)

Sophomores, Juniors, and Seniors.

4. Plato's Apology; Xenophon's Memorabilia. C

(Greek 2.)

Sophomores, Juniors, and Seniors.

HISTORY

Professor Lawrence
Assistant Professor Ryland
Assistant Professor White
Professor Harrington

1, 2. Medieval and Modern European History. A

This course traces briefly the great changes during the middle ages; then considers more thoroughly those movements in modern times which have produced the Europe of to-day.

Freshmen and Sophomores. Assistant Professor Ryland.

3, 4. Political History of the United States. B

A general survey of American history from the period of discovery to the present time. This course is introductory to more advanced work in American history. (History 1–2 or 17.)

Sophomores and Juniors. Assistant Professor Ryland.

7. Social History. C

This course traces the welfare of the ordinary member of society, in Europe and in the United States, as affected by changes in politics, legislation, industry, and reform, during and since the Industrial Revolution and the French Revolution. (One B Course.)

Juniors and Seniors. Professor Lawrence.

9, 10. The United States Since the Civil War. C

An analysis of economic and industrial progress and territorial expansion before the Civil War, followed by a study of Reconstruction and of the principal features of the new era in American life, concluding with a study of contemporary problems and conditions. In considering the foreign relations of the United States, especial attention will be given to the history of Latin America. (History 3–4.)

Juniors and Seniors. Assistant Professor Ryland.

11, 12. Individual Investigation. C

Limited to those who have shown special ability in other history courses. (Two C courses; average of 80; special approval of the instructor.)

Professor Lawrence, Professor Ryland.

14. Ancient History. B

A survey of the development of ancient civilization, with special emphasis on Greece and Rome. (History 1–2 or 15–16 or 17.)

Sophomores and Juniors. Assistant Professor White.

15. The Old Testament Prophets. A

A study of the part which the prophets had in the national life of the Hebrew people and in the development of the Hebrew religion. A minor in history may be secured by passing History 15–16, History 14, and Latin 13 (Roman Origins).

All classes. Professor Harrington.

16. The Beginnings of Christianity. A

An inquiry into the origin and development of the Christian religion to the time of Constantine and the Council of Nicaea, as shown in the New Testament.

All classes. Professor Harrington.

17. Europe and its Dependencies Since 1815. A

This course gives prominence to the history of England, and includes a study of international relations and the expansion of Europe into Asia and Africa, paying special attention to the development of China and Japan. It is not open to those who have passed History 2.

Sophomores, Juniors, and Seniors. Professor Lawrence.

HOME ECONOMICS

Miss GRAHAM [1]
Miss DUTTON

1, 2. FOOD: ITS SELECTION AND PREPARATION. A

Classification, composition, and function of foods; principles involved in application of heat to food constituents; various processes applied in the preparation of foods; simple meal preparation and serving. Recitations, lectures, and laboratory work.

Laboratory fee, $7.50 for each semester. Freshmen, Sophomores, and Juniors. Miss DUTTON.

3, 4. NUTRITION AND FOOD ECONOMY. B

Preservation of food; nutritive value and place in the diet of foods; comparative costs; processes of preparation; planning, preparation, serving, and cost of meals. (H. E. 1–2, Chem. 1–2.)

Laboratory fee, $7.50 for each semester. Sophomores, Juniors, and Seniors. Miss DUTTON.

5, 6. SEWING AND TEXTILES. B

The fundamental stitches; use of commercial patterns; hand and machine sewing applied to simple garments. In the second and third terms the history and processes of textile manufactures are taken up, with a study of the quality and cost of materials.

Laboratory fee, $1.50. Sophomores, Juniors, and Seniors. Assistant Professor GRAHAM, Miss DUTTON.

[1] On leave during the first semester, 1919–20.

7. Household Administration. B

Woman's place in the home and the community; buying, arrangement and storing of general household supplies; care of the house; domestic service; labor saving devices; division of income and accounting. (H. E. 1.)

Sophomores, Juniors, and Seniors. Miss Dutton.

8. Dietetics. C

Principles of nutrition; chemistry and physiology of digestion; dietary standards; diets under different conditions; children's diets; school lunches; invalid cookery; detailed work in preparation and cost of balanced meals. (H. E. 3, Biol. 1 or 8.)

Laboratory fee, $7.50. *Juniors and Seniors.* Miss Dutton.

10. Millinery. B

Construction and covering of hat frames; the preparation of trimming; the use and renovating of old materials; study of color, shape, and trimmings as to suitability, becomingness, and income; practice in making children's hats; spring and fall hats. (H. E. 5.)

Laboratory fee, $1.50. *Juniors and Seniors.* Assistant Professor Graham.

[11. Advanced Sewing. B]

Practice in drafting, fitting, and designing of patterns; design in relation to costume; practice in making tailored waists, separate skirts, and dresses. (H. E. 5–6.)

Laboratory fee, $1.50. *Juniors and Seniors.* Assistant Professor Graham.

12. House Planning and Decoration. C

Development of the house; study of house plans; house construction and sanitation; problems of rural houses considered; design as applied to houses; the choosing of appropriate and harmonious furniture; woods and their finishes; period furniture and Oriental rugs. (H. E. 7.)

Sophomores, Juniors, and Seniors. Assistant Professor Graham.

14. Methods. C

Methods of teaching Home Economics; planning courses of study; making lesson plans; studies in equipment; practice work in teaching high-school classes. This course may be counted toward a major in Pedagogy. (Permission of instructor.)

Juniors and Seniors. Assistant Professor Graham.

LATIN

Professor Sanford
Assistant Professor White

1. Livy. A

The second Carthaginian war. Translation, direct use of Latin, prose exercises, study of vocabulary, practice in verb forms, and development and use of cases.

Freshmen. Assistant Professor White.

2. Cicero. A

Selections from the *Letters* and *De Amicitia.* The story of the struggle between Republic and Empire, with the

fortunes of Caesar and Cicero as written in the *Letters*. Part of the recitation will be conducted in Latin. (Latin 1.)

Freshmen. Assistant Professor WHITE.

3. PLINY THE YOUNGER. B

Selections from the *Letters* are made, presenting a large number of references to life and customs, and intended to bring the student into close touch with the daily life of the Romans. Either this course or Latin 5 is requisite to all of the translation courses following. (Latin 1–2.)

Sophomores and Juniors. Professor SANFORD.

4. HORACE. B

Selected *Odes* and *Epodes*. Comparison of the odes with the lyrics in Latin, English, and other languages. The debt of English poetry to Horace. Very careful preparation of notebooks is required. (Latin 3 or 5.)

Sophomores, Juniors, and Seniors. Professor SANFORD.

5. TACITUS. B

The *Germania* and *Agricola*. Comparison of Tacitus with other writers of his time. A study of the Roman colonial system. The history of the later Empire; the influence of Rome on the northern tribes. Library reading. (Latin 1–2.)

Sophomores and Juniors. Assistant Professor WHITE.

[6. A STUDY IN LATIN VERSE. C]

Fragments from the early writers and selections from Catullus, Horace, Vergil, Ovid, Tibullus, Propertius, and others. A few poems of the Silver Age are given to

indicate the changes of form to mediaeval rhymes. The hymnology of the early church. (Latin 4.)

Juniors and Seniors. Professor SANFORD.

7. ROMAN COMEDY. C

The translation of the *Captivi* and *Trinummus* of Plautus, with rapid readings from the *Andria* of Terence and other comedies. (Latin 3, 4, or 5.)

Juniors and Seniors. Professor SANFORD.

8. AN HISTORICAL STUDY IN TACITUS. C

An intensive study from the early Roman Imperial Era, based on the *Annals*. The aim is to develop in the student a spirit of historical criticism, and to help him to use historical material methodically, especially sources. The course is particularly valuable to those who may teach Ancient History. (Latin 5.)

Juniors and Seniors. Assistant Professor WHITE.

11. ADVANCED LATIN PROSE. C

A prominent feature of the course will be the actual use of Latin in conducting many of the class-room exercises. (One C course.)

Juniors and Seniors. Assistant Professor WHITE.

12. THE TEACHING OF PREPARATORY LATIN. C

A study of methods and authors used, and teaching problems; the necessity of making Latin a live language; quality *versus* quantity; literary appreciation. This course may be counted toward a major in Pedagogy. (One C course.)

Juniors and Seniors. Professor SANFORD.

13. Roman Origins. C

An outline story of our debt to the Roman nation. A summary of the reasons for the present place of Roman life and Latin in cultural and practical education. No knowledge of the language is required. This course, in combination with History 14 and History 15–16, may be counted toward a minor in History.

Juniors and Seniors. Professor Sanford.

[14. Outlines of Latin Literature. C]

A review of all the authors from Ennius to Boethius; reading of translations; an attempt to form an estimate of the place and value of the literature as a whole, and the tendencies toward appreciation and depreciation at the present time. (One C course.)

Juniors and Seniors. Professor Sanford.

MATHEMATICS

Professor Perkins
Assistant Professor Bonney

1. Plane and Spherical Trigonometry. A

Required of B. S. Freshmen; elective for A. B. Freshmen. Professor Perkins and Assistant Professor Bonney.

2. Algebra. A

Required of B. S. Freshmen; elective for A. B. Freshmen. Assistant Professor Bonney.

1b, 2b. Elementary Mathematical Analysis. A

For thoroughly prepared students; permission of the instructor must be secured. This course pursued by Freshmen for the two semesters will be credited toward the B. S. requirement in place of 1–2 above.

Freshmen and Sophomores. Professor Perkins.

3. Plane Analytical Geometry. B

(Math. 1–2.)

Sophomores and Juniors. Professor Perkins.

4. Introduction to Calculus. B

The two fundamental operations of calculus, together with those applications most commonly encountered in applied mechanics, and the theory of electricity and magnetism. (Math. 1, 2, and 3.)

Sophomores. Professor Perkins.

[3b, 4b. Applied Mathematical Analysis. B]

(Math. 1b–2b.) Professor Perkins.

5, 6. Differential and Integral Calculus. C

Detailed course, taking up the more extended and difficult applications. (Math. 1, 2, 3, 4.)

Juniors and Seniors. Professor Perkins.

7. Higher Plane Curves. C

A course in method of determining the characteristics of algebraic curves from their equations. About fifty of the best known algebraic curves are discussed and their characteristics discovered. (Math. 4.)

Juniors and Seniors. Professor Perkins.

12. Projective Geometry or Vector Analysis. C

Whichever of these two subjects the majority of the class prefer will be given. (For Projective Geometry, Math. 3–4; for Vector Analysis, Math. 6.)

Juniors and Seniors. Professor Perkins.

15. Solid Geometry. B

This course is offered to review and supplement the preparation in geometry of those who plan to teach mathematics. (Plane Geometry, Math. 1–2.)

Sophomores and Juniors. Professor Perkins.

16. The Teaching of Preparatory Mathematics. C

Consideration of the place and use of algebra, geometry, and trigonometry, and the standards to be set in the teaching of these subjects; the collection and arrangement of historical and biographical material to form a background that shall awaken interest in the subject-matter; practice in the selection of texts and the laying out of courses; a study of fundamental principles and discussions of methods of presentation and explanation. (Solid Geometry and Math. 1, 2, and 3.)

Juniors and Seniors. Professor Perkins.

MILITARY SCIENCE AND TACTICS

Professor McFarland
Professor Bonney

1. Military Art.

Weekly lectures, games, mass athletics, close order drill, and calisthenics.

All classes.

MUSIC

Professor HATHAWAY
Mr. BISSELL

1, 2. HARMONY. A

The first step in the study of musical composition and of the analysis of musical works.

Professor HATHAWAY.

3, 4. HARMONY. B

A continuation of the first year's study in this subject. (Music 1–2.)

Professor HATHAWAY.

5, 6. MUSICAL APPRECIATION. A

Lectures on the development of instrumental music and the opera; selections explained and illustrated at the piano and by victrola records; study of the lives of the great composers.

Professor HATHAWAY.

[7, 8. MUSICAL MASTERPIECES. C]

Harmonic and thematic analysis of some of the works of the world's greatest composers. (Music 1–2, 5–6.)

Professor HATHAWAY.

9, 10. PRACTICAL COURSES.

Individual instruction in piano or organ and chorus training in the college choir. The hours of private lessons are to be arranged for individually. The fees for pianoforte

and organ lessons are $40 for each semester, two half-hour lessons a week. *Open to all students.*

Pianoforte: Each student will be required to master the elements of a good technique before undertaking the study of extended musical works. The course embraces studies by Czerny, Cramer, Clementi, and the works of Bach, Haydn, Mozart, and Beethoven, as well as those of the Romantic and the Modern school. Professor HATHAWAY.

Organ: Students entering the organ course must have acquired a satisfactory knowledge of the pianoforte technique. The course includes works of Rinck, Mendelssohn, Rheinberger, and other standard works by the leading writers. Professor HATHAWAY.

The College Choir: The college choir, under the leadership of the director, holds two rehearsals weekly and sings at the chapel service each week-day and at the Sunday vesper service. Opportunity is given to study the works of the best composers of sacred music. Mr. BISSELL.

The Men's Chorus: Drill in ensemble singing, study of the works of excellent composers as well as more popular songs for Glee Club programs. Solo and obligato practice. Weekly rehearsals. Creditable work in the Men's Chorus will be a pre-requisite for eligibility to the Glee Club. Open to all classes. No credit. Mr. BISSELL.

The Women's Chorus: Ensemble singing embracing standard classical and modern compositions. This course will be of value to those who desire to assist in music in the public schools, as well as affording valuable singing practice. Recitals and public programs. Open to all classes. No credit. Mr. BISSELL.

The Choral Union: A mixed chorus is formed of the members of the men's and women's choruses. Admittance is by voice test but ability to read at sight is not required. The aim is to develop familiarity with the best choral works and with the principles and technique of chorus singing. Public performances will be given during the year. No credit. Mr. BISSELL.

15, 16. SINGING.

Private lessons in voice placing, interpretation, and repertoire, designed to fit students for service in church choirs and for concert and recital work. Public recitals and ensemble singing. When taken in connection with theoretical courses, one credit each semester. One lesson a week.

Open to all classes. Fee $40 a semester. Mr. BISSELL.

17, 18. TEACHER TRAINING.

Of particular value to students intending to teach in the public schools. Tone production and emission, identification of vocal faults and methods of correction, with diagnostic and practice work, chorus training and conducting. Three credits.

Open to Juniors and Seniors. Three credits a week. Mr. BISSELL.

NOTE. The courses in the theory and history of music (1–8) will receive credit toward a degree and are subject to no additional fee. Practical work in music, taken in connection with the theoretical courses of the department, may be given two hours credit in each year. Students wishing to elect courses in the Department of Music must satisfy the instructor of their fitness to pursue the special courses chosen.

PEDAGOGY

Professor Collins
Professor McFarland
Assistant Professor Howard

1. Introduction to Psychology. A

The basis of later courses in education. This course should be elected by all students intending to teach and as early in their program as possible.

Freshmen, Sophomores, and Juniors. Professor Collins.

2. Principles of Education. A

The meaning, bases, aims, and values of education, and the functions of the organized school. (Ped. 1.)

Freshmen, Sophomores, and Juniors. Professor Howard.

3. High School Administration. C

Types of secondary schools, their aims, organization, curricula, and management; problems of discipline, examination, grading, promotion, and the utilization of the school plant in its community. (Any B course in Pedagogy.)

Juniors and Seniors. Professor McFarland.

4. The Psychology of Learning. B

A continuation of Psychology 1, with special attention to the more complex aspects of consciousness and the higher thought processes. (Ped. 1.)

Freshmen, Sophomores, and Juniors. Professor Howard.

5. High School Instruction. B

An introduction to the problems of teaching. (One year's work in Pedagogy.)

Sophomores, Juniors, and Seniors. Professor McFarland.

7. Rural School Supervision. C

A course for students wishing to qualify for educational administration or supervisory work in country schools. (Two B courses in Pedagogy.)

Juniors and Seniors. Professor McFarland.

[9. Education before the Reformation. B]

(Ped. 2 or 4 or Phil. 2.)

Sophomores, Juniors, and Seniors. Professor Collins.

10. Education since the Renaissance. B

Educational theory and organization in modern times, both in Europe and America. (Ped. 2 or 4 or Phil. 2.)

Sophomores, Juniors, and Seniors. Professor Howard.

11. Educational Psychology. C

A study of the forms of learning involved in the fundamental school subjects, with special problems involving laboratory practice. (Ped. 2 or 4 or Phil. 2.)

Juniors and Seniors. Professor Howard.

12. The Junior High School. B

Special consideration of the Junior High School, its organization, curriculum, methods, and administration. (Any B course in Ped.)

Juniors and Seniors.

13, 14. Practice Teaching. C

Students desiring teaching appointments should consult Dr. Howard in order to organize their college work carefully toward this end. Practice Teaching is a double course, counting six credits each semester; students taking it are not eligible to elect another course in the department at the same time. (Special appointment.)

Seniors. Professor Howard.

15. Educational Sociology. B

(Any B course in Pedagogy.)

Sophomores, Juniors, and Seniors. Professor McFarland.

PHILOSOPHY

Professor Harrington

1. Introduction to Philosophy. A

A natural approach to the problems of Philosophy through an analysis of the college curriculum and the common facts of human experience.

Freshmen, Sophomores, and Juniors.

2. Logic. A

A study of the principles of sound reasoning, with concrete illustrations at every point and practice in the classroom.

Freshmen who have had Phil. 1 or Ped. 1, Sophomores, and Juniors.

5. Ethics. B

An inquiry as to moral values, especially in their relation to self-realization; much reference to the practical activities and problems of everyday life. (Phil. 1 or 2, or Ped. 1.)

Sophomores, Juniors, and Seniors.

6. Social Ideals. B

A study of social philosophy, with special reference to ideal schemes of human society from Plato's *Republic* to the present time. (Phil. 5 or Econ. 7.)

Sophomores, Juniors, and Seniors.

7. History of Philosophy. C

A survey of the work of the great thinkers and a tracing of the main currents of philosophic thought. (Two A courses in Phil. or one B course.)

Juniors and Seniors.

8. Constructive Philosophy. C

A gathering up of what may reasonably be held in regard to man's life and the universe. (Two A courses in Phil. or one B course.)

Juniors and Seniors.

Note. Special permission may be given, in individual cases, to students to take Phil. 7 and 8, even if they have not had the prerequisites specified above, provided they have taken in other departments courses of equal grade and of such a nature as to have furnished the necessary preparation.

PHYSICAL EDUCATION

Professor Brown
Miss Young

Courses for Men

3m, 4m. Gymnastic Teaching. A

Fundamental principles and methods of teaching gymnastics and games; physiology of exercise and systems of gymnastics. Laboratory work consists of practice teaching of a graded course of physical drills, apparatus work, and games. Emphasis is placed upon the development of team games of low and high organization for use in school playgrounds and community centers. Particular attention is devoted to the teaching of mass athletics.

Sophomores, Juniors, and Seniors. Professor Brown.

5m, 6m. Athletic Coaching. B

Theory of coaching. A course designed to give an intimate knowledge of the technic and strategy of football, baseball, basketball, and track athletics. It includes a detailed study of the rules and fundamental principles of each sport, methods of training, diet, treatment of injuries, equipment, etc.; how to play the various positions and perform the different track and field events, generalship, systems of attack and defense, signals and plays. (Permission of instructor.)

Juniors and Seniors. Professor Brown.

Courses for Women

3w, 4w. Playground Course. A

Designed for those who may wish to do playground work. Study of child nature, functions of play, the

playground movement, practical conduct of playgrounds, organization and administration of playgrounds. Laboratory work includes the teaching of story gymnastics, games, and folk dances, and the theory of coaching track and competitive sports. Practice teaching in grammar school classes.

Sophomores, Juniors, and Seniors. Miss YOUNG.

[5w, 6w. METHODS OF TEACHING PHYSICAL EDUCATION. B]

The purposes, aims, and scope of physical education; selection, classification, and progression of gymnastic exercises, including Swedish and German Systems; the methods and values of physical examinations; corrective gymnastic exercises for special defects; practice teaching in grammar and high school. This course may count toward a major in Pedagogy. (Permission of instructor.)

Juniors and Seniors. Miss YOUNG.

NOTE. For the year 1919–1920, no prerequisite for the above courses is required.

PHYSICS

Professor BRYANT

1, 2. GENERAL PHYSICS. A

An introduction to the fundamental principles of general physics. The first semester's work is prerequisite to the second.

Freshmen, Sophomores, and Juniors.

3. HEAT. B

The experimental methods that have been used in measuring the various quantities which are connected with

this portion of the science are considered in detail. The kinetic theory of matter and thermo-dynamics are among the additional topics studied. (Phys. 1–2.)

4. Electricity and Magnetism. B

An advanced course covering more thoroughly many of the topics studied in the corresponding work in general physics, together with some additional topics, such as the discharge of electricity through gases, electrons, radio-activity, and wireless telegraphy. (Phys. 1–2.)

7. Physical Measurements. C

Elementary theory and practice of physical manipulation. Laboratory work in the measurements of length, mass, time, velocity, linear and angular acceleration; the verification of the laws of equilibrium of forces; the determination of coefficients of elasticity; the density of solids, liquids, and gases; experiments in sound. (Phys. 1–2.)

Laboratory fee, $5.

8. Physical Measurements. C

Measurements of thermal expansion, specific heat, latent heats of fusion and of evaporization. In electricity, fields of force, electric resistance, electro-motive forces, and strengths of current are measured. The laws of reflection and refraction of light waves and the formation of images by mirrors and lenses are studied, and indices of refraction and lengths of light waves are measured. (Phys. 7.)

Laboratory fee, $5.

9. Analytic Mechanics. C

A discussion of the statics and dynamics of a particle and of a rigid body. Composition and resolution of forces, vectors, center of gravity, work, energy, impulse, moment of inertia, static and kinetic friction. This course may be counted toward a major in Mathematics. (Phys. 1–2, Math. 4.)

Juniors and Seniors.

10. Astronomy. C

The celestial sphere; astronomical instruments; determination of latitude, longitude, and time; the earth as an astronomical body; the moon's motions and physical characteristics; the sun's physical characteristics; revelations of the spectroscope; eclipses; planets; comets; stars and nebulae. (Phys. 1–2.)

Juniors and Seniors.

Note. Courses 3, 4, 7, and 8 are open to students of any class who have had the prerequisites.

POLITICAL SCIENCE

Professor Abbott

1. Elements of Government. A

The origin and development of states and governments, their forms, departments, and functions. This is not a study of any particular state or government but of general principles, with illustrations drawn from the institutions of many states.

Freshmen, Sophomores and Juniors.

2. American Government. A

A rapid survey of the whole field, national, state, and local. Descriptive, with sketches of historical development. A good knowledge of American history is desirable.

Freshmen, Sophomores and Juniors.

3. English Government. B

The English government, with sketches of its historical development. A general knowledge of English history, such as may be gained in History 1 and 2, is essential. (Hist. 1–2, or Pol. Sci. 1 or 2.)

Sophomores, Juniors and Seniors.

[4. European Governments. B]

The national and to a small extent the local governments of France, Germany, Switzerland and other states are studied in this course, with constant comparisons between these and the English and United States systems. (Hist. 1–2, or Pol. Sci. 1, 2 or 3.)

Sophomores, Juniors and Seniors.

5. Constitutional Law. C

A study of the Constitution of the United States and its interpretation by the Supreme Court. Of special value for students of United States history and government, and very useful to intending law students. (Hist. 3 or 4, or Pol. Sci. 1, 2, or 3.)

Juniors and Seniors.

6. City Government in the United States. B

The various forms, functions, and powers of city governments in the United States. (Pol. Sci. 1 or 2.)

Sophomores, Juniors and Seniors.

7, 14. Business Law. B

The rules of law most commonly involved in ordinary commercial transactions, especially contracts, sales, agency, bailments, and negotiable instruments. An elementary and practical course designed primarily for students who intend to engage in business or in professions other than the law.

Sophomores and Juniors.

8. International Law. C

The nature, sources, and development of the rules governing the relations of civilized states in peace and in war, with special attention to recent modifications of the same and to questions raised by the European war.

Juniors and Seniors.

[10. Jurisprudence. C]

An analysis of the underlying principles of law, the relation of law to rights, and a consideration of the fields covered by private, public, and international law. The subject is important for students who intend to study law or carry on advanced work in government or history. (Pol. Sci. 5, 7, or 8.)

Juniors and Seniors.

SPANISH

Mr. Haller
Miss Rodríguez

1a, 2a. Elementary Spanish.

Pronunciation; grammar; composition; translation; conversation. Intended to give students a reading knowl-

edge of Spanish of average difficulty, to enable them to understand the spoken language and to express simple ideas idiomatically. Six hours a week. May be elected as two of the five courses required of Freshmen each semester, and counts six points toward graduation.

Freshmen. Mr. HALLER, Miss RODRÍGUEZ.

3, 4. SECOND YEAR SPANISH. A

Second year work consisting of readings of prose and poetry from the best Spanish authors, memorizing of poems, grammar drills, outside reading of Spanish newspapers and magazines. (Spanish 1a–2a or two years of preparatory school Spanish.) Miss RODRÍGUEZ.

5. COMMERCIAL SPANISH. A

A purely practical course designed for those who are interested in Spanish for business purposes and for those who intend to teach Spanish. (Spanish 1–2, or two years of preparatory school Spanish.) Mr. HALLER.

6. SPANISH COMPOSITION. A

The study of idiomatic compositions, with considerable reading in Spanish newspapers and magazines. Discussions in Spanish. (Spanish 5.) Mr. HALLER.

7, 8. SPANISH LITERATURE OF THE NINETEENTH CENTURY. B

Study of the modern novel and drama; their relation to the history of the country; careful study of the best authors; all the work is conducted in Spanish. (Spanish 3–4.) Miss RODRÍGUEZ.

THE SUMMER SESSION

THE FACULTY OF 1919

JOHN MARTIN THOMAS, D.D., LL.D.
President

EDWARD DAY COLLINS, PH.D.
Director of the Summer Session

WILFRED EDWARD DAVISON, A.M.
Secretary

MYRON REED SANFORD, A.M., L.H.D.
Professor of the Latin Language and Literature

FRANK WILLIAM CADY, A.M., B.LITT. (OXON.)
Professor of English

LEWIS JACKSON HATHAWAY
Professor of Music

FRANK EUGENE HOWARD, PH.D.
Assistant Professor of Chemistry

ARTHUR RANDALL DAVIS, A.B.
Assistant Professor of Chemistry

WILLIAM JAMES RYLAND, A.M.
Assistant Professor of History

H. P. WILLIAMSON DE VISME, A.M.
Professor of French and Head of the Division of Modern Languages

CARIDAD RODRÍGUEZ, A.B.
Instructor in the American College at Barcelona

MINNIE HAYDEN
Teacher of Music, Steinert Hall, Boston

GLADYS LOTT
Reader and Teacher of Expression, Boston

JULIÁN MORENO-LACALLE, A.M.
Associate Professor in Spanish, U. S. Naval Academy

GEORGE DURANCEAU DE LA JARRIE, B. ÈS L., B. ÈS S., M.D. (PARIS)
Officer of Public Instruction, France

JOSÉ MARTEL, A.M.
Associate Professor, Department of Modern Languages, U. S. Naval Academy

THERESA DE ESCORIAZA
Teacher of Spanish, New York City

ERASMO BUCETA, DOCTOR EN DERECHO
Associate in Spanish, Johns Hopkins University

CINCINATO G. B. LAGUARDIA, A.B.
Assistant Professor, Department of Modern Languages, U. S. Naval Academy

SAMUEL VASCONCELOS, A.B., LL.B.
Instructor, Department of Spanish, University of Minnesota

ANGELA PALOMO, B.A.
Instructor in Spanish, Wellesley College

FRANCISCA MARTÍNEZ, A.B.
Instructor in Spanish, State College, Albany

MARÍA TERESA GARCÍA, A.B.
Assistant in Spanish, Vassar College

MARIE CÉCILE LOUISE JANIN
Diplômé d'études supérieures, Agrégation d'Anglais, (Sorbonne)
Assistant in French, Indiana University

MIREILLE DALMAS, BREVET SUPÉRIEURE
Assistant in French, Wells College

LUCIE RAFINESQUE, BREVET SUPÉRIEURE
Instructor in French, Oberlin College

EDWIN LATHROP BAKER, A.M.
Assistant Professor of French, Oberlin College

KARL FREDERICK GEISER, PH.D.
Professor of Political Science, Oberlin College

STANLEY THOMAS WILLIAMS, PH.D
Instructor in English, Yale University

COURSES OF INSTRUCTION, 1919

At the eleventh Summer Session, held July 1 to August 16, 1919, the following courses of instruction were offered:

Organic Chemistry	Assistant Professor Davis
Industrial Chemistry	Assistant Professor Davis
Qualitative Analysis	Assistant Professor Davis
Quantitative Analysis	Assistant Professor Davis
Psychology of Elementary School Subjects	Assistant Professor Howard
Secondary Education	Assistant Professor Howard
English Poetry of the Eighteenth Century	Professor Cady
Dramatic Contemporaries of Shakespeare	Professor Cady
Victorian Prose and Poetry	Dr. Williams
Composition	Dr. Williams
The Art of Reading	Miss Lott
Story Telling	Miss Lott
Balzac	M. Williamson de Visme
Histoire de la Civilisation Française	Dr. de la Jarrie
La France Commerciale et Industrielle	Dr. de la Jarrie
Histoire de France (politique)	M. Williamson de Visme
Le Théâtre en France au XIXe Siècle	Mlle. Janin
Public Speaking	Assistant Professor Baker
Phonetics	Mlle. Rafinesque
Prose, Composition, and Letter Writing	Mlle. Dalmas
Dictation and Analysis of Words	Mlle. Dalmas
Grammar Review Course	Mlle. Janin
Course of Conversation	Mlle. Janin
Explication de Textes	Mlle. Rafinesque
French Poetry of the Nineteenth Century	Assistant Professor Baker
Philologie	Dr. de la Jarrie
The United States since 1865	Assistant Professor Ryland
The States of Europe	Assistant Professor Ryland
Comparative Government	Professor Geiser
International Relations	Professor Geiser
Latin Poetry	Professor Sanford
Roman Origins	Professor Sanford
School Music	Miss Hayden
Music Reading and Melodic Notation	Miss Hayden
Voice Building and Song Interpretation	Miss Hayden

Platform Art	Miss Lott
Recital Repertoire	Miss Lott
Piano, Organ, and Harmony	Professor Hathaway
Musical Appreciation	Professor Hathaway
Methodology	Professor Lacalle
Castilian Phonetics and Pronunciation	Professor Lacalle and Assistants
Advanced Spanish Grammar and Rhetoric	Señor Vasconcelos
Spanish Literature	Señor Buceta
Spanish Civilization and its Influence	Señor Martel
Latin-American Realia	Señor Laguardia
Modern Spanish Drama	Señorita Escoriaza
The Modern Spanish Novel	Señorita Palomo
Intermediate Grammar and Composition	Señoritas Martínez and Rodríguez
Spanish Conversation	Señoritas Escoriaza, Palomo, and Rodríguez
Auxiliary Classes	Señoritas Martínez, Palomo, and García.

The following lecture courses were given eight hours each:

Pan-Americanism	Señor Vasconcelos
The Great Men of Spanish America	Señor Laguardia
Spanish Writers of To-day	Señor Martel
Spanish-American Writers of To-day	Señor Lacalle

GENERAL STATEMENT

The Summer Session is organized to meet the wants of teachers and prospective teachers who are seeking pedagogical and professional improvement, graduate students who are working for credits toward a higher degree, college students who desire to continue in the summer their work for the baccalaureate degree, and others whose interest is more general.

FRENCH AND SPANISH SCHOOLS

In recent years the work of Middlebury College in developing modern language instruction in Schools separately housed has attracted much attention. The plan of work thus devised provides the best of facilities for the intensive pursuit of the language. In such Schools the history, geography, government, and institutions of the people are studied, thus providing for a variety of interests. No elementary courses are given. The language studied is the spoken language of the School at all times, in the halls of residence and in the social activities as well as in the classes. Native instructors are employed and individual attention is given to the needs of each student.

ENGLISH AND MUSIC SCHOOLS

In addition to the special work of the Modern Language Schools, courses of instruction have been conducted to meet the requirements of various

classes of students in attendance, in English language and literature, history, chemistry, education, political science, and other departments, while both vocal and instrumental music are conducted by competent instructors, in addition to courses in musical theory.

ADMISSION

STUDENTS enter such courses as they are qualified to take without examination, and without being candidates for degrees; but students who desire credits toward degrees must indicate that fact when they register, and must present satisfactory evidence of their qualifications before they will be given credits for collegiate or graduate work. Students who complete full courses will be given *upon application* a certificate indicating the work done.

CERTIFICATES OF ATTAINMENT

STUDENTS of the French and Spanish Schools who show satisfactory attainment in not less than three Summer Sessions will be given a special certificate from the French or the Spanish School in which their work has been taken, certifying to their attainment. These certificates are not based upon college graduation, but upon actual proficiency in the language.

THE MASTER'S DEGREE

To obtain the degree of Master of Arts or of Master of Science, thirty credits, representing one

year's work in residence, are necessary. For the rule as to securing the Master's degree in Summer Sessions, consult Graduate Work, Section 3, of this Catalogue.

SUMMER SESSION OF 1920

THE French and Spanish Schools will open for registration on Friday, July 2, 1920. Classes will meet Monday morning, July 5, for the first lectures and assignments of work, and final examinations will be held August 16–19. Classes will meet five times a week.

The English School will be conducted at Bread-loaf Inn from June 30 to August 5 inclusive. Exercises in this School will be conducted six days a week, the afternoons being left free for out-of-door life in the mountains and forests and on the tennis courts and golf links. This School is organized for teachers and students of the English language and literature, and offers instruction in the following divisions of their work: technique of teaching, composition, literary criticism, and expression.

Professor H. P. Williamson de Visme will act as Dean of the French School and Professor J. Moreno-Lacalle as Dean of the Spanish School. The direct and intensive methods of these Schools present superior advantages to those desiring to acquire facility in the use of the languages or to perfect their professional technique.

In addition to the Language Schools described above, there will be conducted in the summer of

1920 a School of Chemistry which will have the full use of the college chemical laboratories. Professor Arthur R. Davis will act as Dean of this School and will offer courses of particular value to pre-medical students, students and teachers of biology, and teachers of chemistry.

Descriptions of the various Schools are given in special circulars, applications for which should be sent to Edward D. Collins, Director Summer Session, Middlebury, Vermont.

ADMINISTRATION

COLLEGE OFFICES

The office of the President is located on the third floor of the Old Chapel. The President may be seen from 10:30 to 12 A.M. every day except Sunday, and consultation by students on any subject of importance to them is cordially invited.

The office of the Provost is Room 14 in the Old Chapel. Office hours are from 2 to 4 P.M.

The Dean's office is in Painter Hall, middle division.

The Dean of Women has her office in the north division of Painter Hall.

The office of the Registrar is in Painter Hall, middle division.

The Treasurer of the College has his office in the Battell Block. At the opening of the college year, and again at the beginning of the second semester, the Treasurer will establish a temporary office in one of the College buildings, for the convenience of students in the payment of bills.

COLLEGE REGULATIONS

The College places in the hands of each student a pamphlet of regulations containing detailed information as to enrollment, attendance, scholarship, examinations, conditions, and student activities.

ENROLLMENT

THE college year begins on the Monday indicated in the calendar, the first three days, Monday, Tuesday, and Wednesday, being given to registration and to entrance and condition examinations. Every student is required to enroll at the Registrar's office on one of these days, and on the Thursday, Friday, and Saturday preceding the beginning of the second semester. A charge of $5.00 will be made for each enrollment after the days assigned.

Students in the first semester of the Freshman year are limited to five courses, double courses in language counting as two. To take six courses in any subsequent semester a student must have attained an average of 75 per cent in the courses of the previous semester; to take seven courses he must have obtained an average of 80 per cent. In the second semester of the Senior year, a student may have permission, at the discretion of the Administration Committee, to take one more course than the number to which he is entitled by his grades, if necessary for graduation in June. Previous to that semester, seven is the highest number of courses that may be taken at one time. Students are charged $10 a semester for each extra course.

PHYSICAL EXAMINATION

THE College aims to investigate and care for the health of each student.

The Department of Physical Education com-

mands the services of two instructors, one for the men, and one for the women. Every Freshman is given a thorough physical examination, which may be repeated at the discretion of the Directors, measurements and records are kept, corrective exercises are prescribed where needed, and students are encouraged to organize and carry on a great variety of out-of-door sports under the general charge of these directors. General supervision of athletics is exercised by the Athletic Council, composed of members of the faculty, alumni and students, Assistant Professor Phelps N. Swett, Chairman.

RELIGIOUS LIFE

MIDDLEBURY COLLEGE is non-sectarian, but seeks to promote a healthful religious influence. A chapel service is held each week-day at 10 A.M. and a vesper service with sermon on Sunday at 5 P.M. Attendance at these services is required. The services are conducted by the President and men of eminence of various denominations who act as college preachers. The music is in charge of the Instructor in Singing. The vested choir is composed of twenty-four students, chosen by competition. Student religious services and Bible classes are held under the auspices of the Young Men's and Young Women's Christian Associations.

SCHOLARSHIP

THE scholarship of the students is graded on the scale of 100 per cent, as follows:

A, 90–100 per cent; B, 80–89 per cent; C, 70–79 per cent; D, 60–69 per cent; E, below 60 per cent.

Reports of standing are made twice each semester. At the end of the semester notices of failures are sent to both students and parents.

Beginning with the Class of 1921, a student may not count more than one course below C grade in any semester toward graduation.

A student with 24 points to his credit at the beginning of the college year, not including credits received in Physical Education previous to 1919–20, will be ranked as a Sophomore for that year; one with 54 points, a Junior; one with 84 points, a Senior. At the beginning of the second semester a student who is ranked as a Freshman, but who has 39 points, not including Physical Education credits received previous to 1919–20, will be advanced to Sophomore rank; one ranked as a Sophomore, with 69 points, to Junior rank; one as a Junior, with 99 points, to Senior rank.

Credits for more than three courses will not be given an undergraduate at a Summer Session.

EXAMINATIONS

The work of all courses is completed each semester by written examinations. If a student is inexcusably absent from an examination it will be treated as a failure and will be recorded as a condition. A student unavoidably absent from college at the time set by the Registrar for taking the examination will be given his opportunity immediately upon his re-

turn to college or before the beginning of the corresponding semester of the following year. If he fail to meet this requirement, he must repeat the course with the following class if the subject is a required one.

A student whose term mark in any course falls below 50 per cent is excluded from the examination and must, if the subject is a required one, repeat it with the following class.

A student will be conditioned whose combined recitation and examination mark at the close of a semester is below 60 per cent or below his passing grade if that has been raised. No student will be allowed to pass whose examination mark is below 50 per cent.

CONDITIONS IN COLLEGE WORK

A STUDENT who fails to pass an examination at the close of the first semester, and is thereby conditioned, is given an opportunity to take another examination either on the first day after the Easter recess, or on such one of the first three days of the next college year as shall be determined by the Registrar.

A student who is conditioned at the close of the second semester may take an examination on such one of the first three days of the next college year as shall be determined by the Registrar, or on the first day after the Christmas recess. In order to take such an examination, a request must be made to the Registrar one week in advance.

No exception will be made save in the following cases:

1. A Senior may take an examination for each deficiency, or condition, incurred during the Senior year, on the Friday preceding Commencement.

2. If the course in which a student has been conditioned is given in the Summer Session, he may remove the condition by taking that course and passing at its close an examination which will be based upon the regular college course and, if possible, be set by the instructor who imposed the condition.

To remove a condition the average of the term mark and the new examination mark combined in the ratio of three to one must reach 60 per cent.

Any student failing to make up a condition as provided for above must repeat the course with the following class if the subject is a required one, even though, from conflict of hours, or any other cause, it necessitates for him the temporary omission of some of the regular work of his class.

HONORARY APPOINTMENTS

The Faculty, under the direction of the Corporation, give two honorary appointments for Commencement: to the leader of the men in the Senior class the appointment of valedictorian of men, and to the leader of the women in the Senior class that of valedictorian of women. These appointments are of equal rank.

SPECIAL HONORS

As an incentive to best work by such students as have the ability to do more than should be required of the majority, and to promote and encourage special investigation in the various departments of the curriculum, the Faculty have established a system of honors. These are divided into two classes, Honors and High Honors, and are subject to the following regulations:

1. The candidate must have completed major work in the department in which Honors are sought.
2. Enough more than fifteen hours a week must have been carried in the undergraduate courses to insure to the candidate at graduation a surplus of at least six credits above the credits required for the Bachelor's degree.
3. The requirement of the six extra credits may be met by the fulfillment of work in research or special investigation assigned by the department in which Honors are sought; or by the completion of two C courses in that department, provided that they are of that grade which would be counted for the Master's degree.
4. The attainment of 80 per cent for Honors, or 90 per cent for High Honors, is requisite as an average rank in the courses which have been taken in completing the major work of the department, and also in the special work performed in the attainment of the six extra credits.
5. On the completion of the six extra credits, whether attained in independent investigation or in class-room work, an examination shall be given covering as much of the work of the department which the candidate has taken as shall be deemed necessary, and, at the discretion of the instructor, a thesis may be assigned.
6. If the additional six credits for an Honor be pursued

in class-room courses, these courses must be taken in accordance with the rules regarding extra hours.

7. Credits for Honors may be counted later toward the Master's degree.

These honors will be printed on the Commencement programme and in the next annual Catalogue, and will be certified to, when requested, by a written certificate from the President and the professor of the department, stating the nature and quality of the extra work done.

The degrees of A.B. and B.S. are conferred *cum laude* upon those who have attained an average rank, for the entire course, of 85 to 90 per cent; *magna cum laude* if that rank is 90 to 95 per cent; *summa cum laude* if it is 95 per cent or above.

PHI BETA KAPPA

The Middlebury Chapter of the Phi Beta Kappa Society is the Beta of Vermont. Those of the first one-fifth of the men, and of the first one-fifth of the women, of each graduating class who have attained an average rank of 87½ per cent for the first seven semesters of the college course are eligible for election to membership.

PRIZES

The Parker Prizes. Established by gift of Daniel Parker, Esq., in 1807, and Professor Frederick Hall in 1820. Two prizes of $20 and $10 to two of the competitors in the Freshman class who are adjudged the best speakers at a contest held at some time during the second semester.

The Merrill Prizes. Established in 1882 by bequest of Rev. Thomas Abbot Merrill, D.D., Trustee, 1806–55. Four awards, $25, $20, $15, and $10, to the four men of the Sophomore class adjudged the best speakers at the same contest.

The Deacon Boardman Peace Prize. Established in memory of Samuel Ward Boardman (1789–1870). An annual prize of $30 to the member of the Junior class submitting the best essay in favor of peace, and in opposition to war as a method for settling international differences. The essay must be creditable as a literary composition and consist of at least 2,000 words.

The Latin Prizes. In the Latin Department, recognition is made of excellence in the work of the second semester of the Sophomore year, including the preparation of a note-book exhibiting the debt of English poetry to Horace, by a first prize of $10, and second and third prizes of photographs of classic art.

The George H. Catlin Classical Prize. In 1918 Mr. George H. Catlin of Scranton, Pa., established a prize, the income of a $1,000 Liberty Bond, the annual award to be made to that man in the Senior class whose college work in Greek and Latin is adjudged to be worthiest of the distinction. The awarding committee consists of the Head of the Department of Greek, the Head of the Department of Latin and the Dean of the College.

The Kellogg Latin-English Prize. Established by gift of Prof. Brainerd Kellogg, LL.D., Litt.D.,

of the class of 1858, Trustee, "to encourage Latin and English." The income from $500 awarded annually to the two best papers in Horace.

GRADUATE WORK

MIDDLEBURY COLLEGE provides courses in many departments for students desiring to pursue a Master's degree. Correspondence should be directed to Professor Myron R. Sanford, Chairman of the Committee on Graduate Work.

The degrees of Master of Arts and of Master of Science may be attained by graduate work completed during the regular college year, or at summer sessions, in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this College, or from one having an equivalent curriculum.

2. Candidates should register during the first week of either semester, or during the first week of the Summer Session. A renewal of all existing registrations must be made at the beginning of each college year.

3. To obtain the degree of Master of Arts, or of Master of Science, one year in residence (September to June), occupied in the pursuance of work equivalent to ten courses rated at thirty points will be necessary. This requirement of residence may also be met by an attendance at not less than four Summer Sessions.

4. To obtain either of the advanced degrees, twenty out of the required thirty points must be obtained at Middlebury College.

5. Candidates for either degree, after conference with the instructor or instructors interested, shall outline the work intended and the studies desired, and present such

outline to the Committee on Graduate Work for its approval.

6. The major work of the candidate must be undertaken in some department in which there have been completed undergraduate courses of study of such advanced grade as to satisfy the department of his fitness to enter upon graduate work.

7. One-half of the work (fifteen semester hours) must consist of specially assigned graduate studies and investigation prescribed by the department in which the major work is undertaken; the remaining half may be pursued in undergraduate courses of C grade recommended by the department in which the major work is taken, and approved by the Committee on Graduate Work. A minimum grade of 80 per cent shall be maintained in all of the courses counting toward the degree.

8. Graduates of Middlebury College who have to their credit work done in undergraduate years, and not counted toward a baccalaureate degree, may count fifteen such credits toward an advanced degree, subject, however, to the provision made for undergraduate courses in Section 7.

9. No credits counted in conferring a first degree at Middlebury College, or elsewhere, shall be accepted for a second degree.

10. The work must be completed within five years after the first registration, unless this period is extended by vote of the Faculty.

11. Besides the regular examinations, the candidate must be examined in the subject chosen for the major study, and, at the discretion of the instructor under whose direction this work is done, may be required to present a thesis.

12. The degree shall be conferred either at Commencement or at the conclusion of the Summer Session during which the work was completed.

13. The regular tuition fees for undergraduate work are charged. An additional fee of $15 is required for the final examination and diploma.

PAINTER HALL

PAINTER HALL, completed in 1815, is the oldest college building in Vermont, and one of the best examples of colonial architecture in New England. It was first known as West College, but since 1846 has borne the name of Gamaliel Painter, one of the founders of the College and a generous benefactor.

Several of the college offices are now located in this building and the remainder is still devoted to rooms for men.

The rooms are in suites of study and bedroom, designed for two students, and are furnished with beds and mattresses, other furniture being provided by the occupants.

The building is equipped with shower baths and other modern plumbing, and steam heat and electric light are furnished without extra charge.

The charge for rooms in Painter Hall is $40 per year for each occupant.

STARR HALL

STARR HALL was built in 1861 and was rebuilt, after a disastrous fire, in 1865. The funds for its erection were contributed by Charles and Egbert Starr. It is constructed of gray limestone and is a substantial and comfortable building. It has thirty suites, designed for two students each, consisting of

study, bedroom large enough for two single beds, and closets.

The rooms are furnished with single bed, mattress, desk, chiffonier, and chairs, for each student.

Shower baths and other modern plumbing have been installed and steam heat and electric light are provided without extra charge. The building is in charge of a matron and full janitor service is provided.

The charge for rooms is $60 a year for each occupant.

OLD CHAPEL

THE OLD CHAPEL is the central structure in the old stone row, built of the same material as Starr and Painter Halls. It is used as a recitation and administration building, with the College Bookstore and Pedagogical Library on the ground floor.

THE EGBERT STARR LIBRARY

THIS beautiful and convenient marble building was erected with funds bequeathed by Mr. Egbert Starr, and dedicated during the centennial exercises of the College in July, 1900. The cost of the building was $50,000, to which was added $5000 for its decoration and $5000 for the purchase of books by the son of the donor, Dr. M. Allen Starr. The front of the building is wholly devoted to a large and convenient reference library, and the capacity of the stacks is 90,000 volumes. The entire Library, which is a depository of government publications, now contains about 45,000 volumes. The number of volumes

added the past year was 1772, exclusive of government documents. Students are granted free access to the shelves. The building is open day and evening, and Sunday afternoon. The reference rooms contain a large number of reviews and magazines, and reading rooms with daily and weekly papers are maintained in Hepburn and Pearsons Halls. Reference libraries are also provided in several of the Departments, the principal ones being Pedagogy, Chemistry, Physics, Biology, Drawing, and Greek.

The College is desirous of possessing as complete a collection as possible of the publications of Middlebury graduates, and alumni who are authors of either books or pamphlets are requested to coöperate in bringing this about by presenting the Library with copies of their works.

THE WARNER SCIENCE HALL

The Departments of Physics, Biology, Geology, Drawing and Surveying, and Home Economics are quartered in Warner Science Hall, which was built in 1901 through benefactions of the late Ezra J. Warner, of the Class of 1861. The building is a memorial of his father, Hon. Joseph Warner, formerly a resident of Middlebury, and a Trustee of the College from 1850 to 1865. By the will of Mr. Warner the College has received a bequest of $25,000 for the care and maintenance of the Hall, and for the purchase of supplies for the departments which it accommodates.

Advanced study and independent research are en-

couraged in each of the natural and physical sciences, and in the modern and well-furnished laboratories of this building abundant opportunities are afforded to the student.

THE HALL OF CHEMISTRY

In September, 1913, the Department of Chemistry was established in the new laboratory building erected with a portion of the General Education Board fund of $200,000.

This building is 44 by 100 feet, three stories, and the basement is lighted with full-sized windows, so that for all practical purposes it constitutes another story. The material is Vermont marble, laid in random ashlar, with rubbed white marble trim.

In the basement are the combustion and assay rooms, the organic laboratory, the laboratory for water and milk analysis, the fan room for the extensive flue and ventilation system, a balance room, two dark rooms for photography, and four store rooms.

The first floor is used at present for the Departments of Romance Languages and Mathematics, and for a portion of the work in English.

The second floor provides two large laboratories for qualitative and quantitative work, a private laboratory for research work, a large library and conference room, a hydro-sulphide room connecting with the qualitative laboratory, two balance rooms, and a store room.

On the upper floor are the general chemical laboratory, a large lecture room and a lecture table with

hoods, a store room, a balance room, and the private laboratory and office of the head of the department.

The building is completely equipped with water, air, and gas pipes, and with electricity for light and power. The interior finish is white unglazed brick. The building is perfectly lighted by a hundred spacious windows, and is attractively located on the college quadrangle, facing the McCullough Gymnasium.

THE MUSEUM OF NATURAL HISTORY

Among the professors of the College for many years have been men of marked ability in natural science, who have shared with the institution the fruits of their researches. One of the earliest geological surveys of Vermont was conducted by Professor Charles B. Adams, who then occupied the chair of Natural History. He laid the foundation for the large collection of fossils representing the different geological formations. The work of Professor Henry M. Seely, long connected with the College, is in evidence in the large collection of fossils of the Champlain Valley.

In Botany, the complete series of the flowering plants and ferns of the Champlain region, which was collected by President Brainerd, is especially notable. This herbarium is constantly increasing, and valuable additions have been made in the higher fungi and other cyptogamous plants gathered by Dr. Edward A. Burt.

The Zoölogical Museum has recently received accessions from the Smithsonian Institution and from Hon. A. Barton Hepburn, of the Class of 1871.

THE McCULLOUGH GYMNASIUM

In 1910 Hon. John G. McCullough of Bennington offered to give $25,000 toward the erection of a gymnasium, and the alumni of the College completed a gymnasium fund of $50,000 at Commencement of that year. The material is light marble, and the style colonial, like the other buildings of the College. The dimensions are 110 by 57 feet. The main floor contains a large exercising room and basket-ball court, with a room for smaller gymnastic classes, which also serves as a stage for dramatic representation. The first floor contains a locker room, with space for 375 lockers, abundant shower baths, director's office and examination room, faculty locker room, two handball courts, boxing and fencing room, and quarters for visiting athletic teams. A convenient serving room renders the building available for college banquets.

THE PORTER ATHLETIC FIELD

The College recently acquired a new athletic field, purchased and equipped at a cost of $10,000, the gift of a friend. The field is east and south of the Library, extending from the Cornwall road to South Street. It is about eighty acres in extent, beautifully situated, rolling meadow and pasture, with never-failing springs and a grove of large pines, and commands an extensive view of the Green Mountains. A quarter-mile cinder track has been built, and also a field for baseball and football.

A grand stand, with locker and dressing rooms and shower baths, and also a skating pond, have recently been constructed.

In 1917 the College acquired one hundred additional acres with a frontage on the river. A large boat house has been constructed at a cost of $5,000.

THE MEAD MEMORIAL CHAPEL

On May 15, 1914, ex-Governor John A. Mead, of the Class of 1864, signified his desire to erect a chapel for the College. His letter of gift said: "I have in mind a dignified and substantial structure in harmony with the other buildings of the College, and expressive of the simplicity and strength of character for which the inhabitants of this valley and the State of Vermont have always been distinguished."

In accordance with this gift the Mead Memorial Chapel was erected in 1915–16 and dedicated at the Commencement of 1916. It is a beautiful white marble structure, colonial in design, of the New England meeting-house type, with a rich and impressive interior. The large chancel has accommodations for the Faculty and a student choir. The chapel contains a large pipe organ. In the tower is a chime of eleven bells, the gift of ex-Governor and Mrs. Mead.

HEPBURN HALL

A dormitory and commons for men has been erected for the College by Hon. A. Barton Hepburn, of the Class of 1871. Accommodations for one hun-

dred men are contained in a five-story building, 150 by 65 feet. Connected by a loggia is the three-story commons, 67 by 34 feet. The exterior is brown tapestry brick, with gray stone trim. The design is colonial, in harmony with other buildings of the College. The construction is fire-proof, with composition floors and brick and tile partitions.

The rooms are *en suite*, with a study for each two men. All bedrooms are single. Each suite is connected with a toilet room. There are two separate shower-bath rooms on each floor, with three showers each. All rooms are outside and are well lighted.

The commons contains a dining hall for 115 persons. Above the dining hall are social rooms, pleasant meeting and reading rooms for the men of the College, uniquely decorated with trophies of the hunting expeditions of Mr. Hepburn in Africa and Western North America. No pains have been spared to make the complete building a safe, healthful, and convenient college home for men.

The rooms are furnished with single bed, mattress, desk, chiffonier, and chairs for each student.

The location of Hepburn Hall, on one of the highest points of the campus, commands views of exceptional beauty of the village, Otter Valley, and both the Green and the Adirondack mountains.

The charge for rooms is from $60 to $100 a year for each occupant, depending upon location. Full janitor service is provided and there is no additional charge for heat or light. A matron has her home in the building. Special circular, with floor plans, will be sent on application to the Dean.

THE PORTER HOSPITAL

A gift of $50,000 from Mr. William H. Porter for a hospital and infirmary has been announced. Plans are already under way. The building will be fireproof and well equipped and appointed in every respect. Needless to say, it will meet an urgent need and be a most welcome addition to the college plant.

ASSIGNMENT OF ROOMS

In assigning rooms, preference is given to students in College in order of classes. A drawing for rooms for 1919–20 will be held April 24, 1920. Students now occupying rooms, and desiring to retain the same, may do so by depositing $5 advance payment on room rent with the Dean before April 24. Others desiring rooms for next year, including incoming students, may secure reservations by making the $5 advance deposit. Such reservations may not be canceled after September 1. Students reserving rooms are responsible for room rent during the year, unless they withdraw from College. Rooms not taken April 24 will be assigned to students applying later in order of application, irrespective of classes.

The halls will be ready for occupation by the students on the noon of the Saturday that precedes the opening of College after any vacation period; they will be closed for all vacation periods on the noon of the first Saturday after the period begins.

HALLS OF RESIDENCE FOR WOMEN

Pearsons Hall, a building for women, was opened at the beginning of the college year in 1911. It is located on a commanding height overlooking the village, from which views of the Adirondacks and Green Mountains are obtained. The hall is of marble, of pleasing colonial design, and contains a large social hall, besides both single and double living rooms.

Battell Cottage was enlarged in 1910, the addition furnishing the dining hall and kitchen for both the Cottage and Pearsons Hall. The two buildings together accommodate about one hundred women.

A new home for women, accommodating fifteen, was constructed in the summer of 1913. It is located on the campus of the Women's College, and is known as Hillside Cottage.

The college has recently purchased an additional residence, known as Hillcrest, located near Battell Cottage, which has been enlarged and is used as a hall of residence.

The price of board and room in each building has been $250 for the current year, payable semi-annually in advance to the Treasurer of the College. Applications for rooms may be made to the Dean of Women, Middlebury College.

EXPENSES

The location of the College favors economy, and the expenses of students have been kept moderate.

The charges of the College are small in comparison with the general cost of living, and the expenses of students should not be large. The following table indicates the principal items:

Tuition (men and women)	$100.00[1]
Room rent in Hepburn, Starr, or Painter, including heat and light (men)	40.00 to 100.00
Table board at Hepburn Commons, 37 weeks at $5 a week (men)	185.00
Board and room in Pearsons, Battell, Hillside, and Hillcrest (women)	250.00
Gymnasium and Athletic Fee (men)	10.00
" " " " (women)	5.00
Graduation Fee (men and women, Seniors only)	11.00

In most of the elective courses in Biology, Chemistry, Drawing and Surveying, Home Economics and Physics, a laboratory fee for each semester is charged, as specified in the announcements of the several courses.

If the rising price level makes it necessary, an increase in the rates for board will be made in 1920–21.

The payment of bills, including room rent, is required at the opening of each semester, before the student enters upon college work. This rule includes the charge for board at the halls for women. On registration, a certificate of payment from the Treasurer's office is required.

From $500 to $600 should suffice for all expenditures, and by strict economy many students

[1] The increase of tuition to $150 is under consideration. It is expected that the Trustees will decide in January, 1920, whether an increase must be made and, if so, when it will go into effect. Definite information can be secured after February 1.

maintain themselves on less. Attention is called to the sections on Self-Help and Scholarships.

SELF-HELP

For many years Middlebury has been known as a college at which exceptional opportunities are afforded to students who must depend largely upon their own resources in securing an education. Employment by which the student may earn a part of his expenses can frequently be obtained about the College or in the village, although no definite statement can be made before the student has arrived and his capacity and fitness are determined. While the College can promise nothing to untried candidates, it will help in every way possible all who prove themselves capable and willing. Occupations in which students find employment are waiting on table, care of furnaces, farm and garden work, typewriting, tutoring, acting as monitors, janitor service, singing in the choir, etc. The Dean conducts an employment bureau for men, and applications for work should be made to him.

SCHOLARSHIPS

The College has a generous number of student benefits, many of them given in early years at great self-sacrifice on the part of the donors. The income of these funds is expended exclusively in payment of the tuition, in part, of needy and deserving students of good deportment and application. When the number

of students was much smaller, these funds allowed a somewhat more liberal bestowment of beneficiary aid than is now possible. *It is not expected that those whose circumstances admit the full payment of college bills will apply for college assistance.* It is earnestly desired, however, that, where need requires, those who might not otherwise be able to receive a college education will apply for aid from this source. The College has a long record of special encouragement to those who are obliged to secure an education largely through their own efforts. Correspondence concerning scholarships should be directed to the President, who will furnish blanks for application.

Any scholarship may be forfeited at any time during the course through negligence or misconduct. When a student incurs more than one condition in any semester, or when his passing grade has been raised twice in any course, or once in any two courses, in any semester, because of unexcused delinquencies, the scholarship allowance for that semester is thereby forfeited.

Among the student benefits dispensed by the College are the following:

The Waldo Fund, $10,000, established in 1864 by bequest of Mrs. Catherine E. Waldo of Boston.

The Baldwin Fund, $28,121, received in 1871 from the estate of John C. Baldwin, Esq., of Orange, N. J.

The Warren Fund, $3,000, given in 1835 by bequest of Deacon Isaac Warren of Charlestown, Mass.,

and its income applied in payment of college bills of those who are preparing for the Gospel Ministry.

The Fairbanks Scholarships, $2,000, established by Thaddeus Fairbanks, Esq., of St. Johnsbury.

The Levi Parsons Scholarships, established by Hon. Levi Parsons Morton of New York City.

The Daniel O. Morton Scholarship, established by Hon. Levi Parsons Morton of New York City.

The Penfield Scholarship, $1,000, established by Allen Penfield, Esq., of Burlington.

The Emma Willard Scholarship, $2,000, established in 1895 by the Emma Willard Association, for the benefit of deserving young women.

The Charles A. Field Scholarship, $300, given to the village of Proctor, Vermont, "as a memorial of regard for Fletcher Dutton Proctor and of gratitude to him, and for courtesies received at the hands of other residents of said village."

The A. P. Stafford Fund, $1,000, established "to assist needy students from Wallingford to an education."

The Windham County Congregational Conference Scholarship, $600.

The Joseph Battell Scholarships, $1,000 annually for young women of Addison County.

STATE SCHOLARSHIPS

The College receives from the State of Vermont an annual appropriation of $4,800 for the payment to the amount of $80 annually of the tuition and incidental college charges of sixty students, one of whom shall be designated and appointed each year by each Senator in the General Assembly, such appointment to be made for two years by such Senator from his respective county, provided any suitable candidate shall apply therefor, otherwise from any county in the State.

Any Vermont student desiring to take advantage of a State scholarship should apply to one of the Senators of the county in which he resides, and the Senator may thereupon give him a certificate of appointment for a period of two years. Should the Senators in the applicant's county already have made appointments, the student should immediately apply to the President of the College, as there may be a vacancy from some other county of which the applicant may avail himself. Under the present statutes, each Senator may make one appointment each year, and each scholarship is good for two years.

Students of both sexes are eligible for appointments to State scholarships. The same regulations as to forfeiture through misconduct and incurring conditions apply to State scholarships as to student benefits owned by the College.

THE GENERAL CATALOGUE

Copies of the 1915 General Catalogue of Middlebury College are still available. An immense

amount of painstaking care went into the preparation of this work, and a comparison of its pages with those of its predecessor of 1900 will show at once its greater scope and value. The biographical records since 1900 are entirely new, and those of earlier classes, back to the very beginning of the College, have been brought to date and supplemented wherever possible. The price of the Catalogue, bound in a dark blue cloth and uniform with the 1900 edition, is $2.00, postpaid. Orders should be sent to Dean E. J. Wiley.

THE ASSOCIATED ALUMNI

The officers and committees of the Associated Alumni of the College for 1919–20 are: President, J. C. Scofield, '80; Vice-Presidents: W. H. Eldridge, '95, F. H. Allen, '00, G. E. Shaw, '10; Secretary and Treasurer, E. J. Wiley, '13; Central Committee, F. W. Cady, '99, H. L. Cushman, '07, W. M. Haller, '15; Necrological Committee, T. E. Boyce, '76, S. S. Eddy, '94, P. E. Mellen, '04.

ALUMNI AND ALUMNAE ASSOCIATIONS

The officers of the New York Association are: President, G. D. Scott, '95; Secretary, F. C. Ryder, '11; Executive Committee, L. F. Hovey, Ex-'04, C. W. Murdock, '10, W. F. Youngs, '14.

The officers of the Boston Association are: President, O. K. Collins, '02; Vice-President, Miss Isabelle Cole, '06; Secretary and Treasurer, J. E. Rourke,

ex–'19; Executive Committee, E. W. Howe, '69, Mrs. Rachel Pike Phinney, '12.

THE officers of the Vermont Association are: President, B. L. Stafford, '01; Vice-President, H. L. Skeels, '98; Secretary and Treasurer, E. J. Wiley, '13.

THE officers of the Western New England Association are: President, D. D. Jackson, ex–'13; Secretary, Miss Nellie I. Button, '01; Treasurer, Mrs. E. Blanche Moore Severance, '05.

THE officers of the Alumnae Association are: President, Mrs. Cecile Child Allen, '01; Vice-President, Mrs. Maude Smith Gooding, '03; Secretary and Treasurer, Mrs. E. Pruda Harwood Wiley, '12; Executive Committee, Mrs. Marjorie Lee Selden, '16, Mrs. Adelaide Ross Hoyt, '15.

THE officers of the Worcester County (Mass.) Alumnae Club are: President, Miss Grace M. Ellis, '12; Secretary and Treasurer, Miss Anne F. Smith, '06.

THE officers of the Connecticut Alumni Association are: President, H. R. Denison, ex–'14; Secretary, Miss Bertha C. Duncan, '05; Treasurer, E. C. Cole, '15; Executive Committee, J. M. Ricker, '06, C. L. Smiddy, '13.

NEEDS OF THE COLLEGE

AFTER a careful study of the resources and needs of Middlebury College officers of the General Education Board in June, 1919, recommended the erection of buildings and additions to endowment as

shown in the following summary taken from their report to the Trustees:

	Minimum	*Maximum*	
For the Present Enrollment:			
Recitation Hall	$125,000	$150,000	
Administration Building	25,000	60,000	
Women's Educational Building		75,000	
Gymnasium for Women		75,000	$ 360,000
For Increased Enrollment:			
Residence Hall for Women	75,000	100,000	
Dining Hall for Women		75,000	
Residence Halls for Men:			
Repairs		20,000	
New Hall	125,000	150,000	345,000
Total for Plant			$ 705,000
Endowment: For up-keep of new buildings			100,000
For new teachers (present enrollment)			300,000
" " " (increased ")			400,000
			$ 800,000
Total Suggested Sum Needed			$1,505,000

FORMS FOR BEQUESTS

THE corporate title of Middlebury College is "The President and Fellows of Middlebury College."

The following forms are suggested:

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of _____ dollars, to be used by the Trustees of said College for such purposes and in such manner as they shall deem appropriate.

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of _____ dollars, to be invested by the Trustees of said College, and the income thereof to be applied to the uses of said College in accordance with the terms of its charter.

DEGREES CONFERRED IN 1919

HONORARY DEGREES

Doctor of Divinity

John Thomas Axton
Luther Amos Brown

Doctor of Laws

Clarence Ransom Edwards
Stephen Miller Foote
Frederic Rogers Kellogg
Robert Moore Collins
Francis Lynde Stetson

DEGREES IN COURSE

WITH COMMENCEMENT APPOINTMENTS

Masters of Arts

Wayne Martin Haller
Ralph Carlton Jenkins, Dartmouth
Barbara Harriet Smith

Bachelors of Arts

Richard Herbert Smith, as of the Class of 1878
Roscoe Edwin Dake, as of the Class of 1918

Leon McKinley Adkins
Wallace Chase Bascom
Leland Edward Fanning
Frank Seraf Gredler†§
Clarence Edwin Hamilton
Howard Whitman Watson
Stanley Victor Wright

Gertrude Rhua Burditt[6]
Mildred Henrietta Cady
Ruth Emery Cann
Ruth Elizabeth Clark
Ruth Marion Clough
Marguerite Dyer†[7]¶
Laura Mary Fales†[7]
Ella Florence Fellowes†[4,5]¶†
Madeline Esther Halford
Louetta Augusta Haynes
Ruth Gertrude Holland†
Mabel Louise Hoyt‡[4,8]¶
Margaret Shay Jeffords
Mildred Martin
Anna Lucia Novak
Helen Vivian Paine[6]
Sylvia Teresa Pastene
Ethel Frances Putnam‡||*¶
Dorothea Este Reynolds[4]
Mabel Pauline Rising‡§*[11]¶
Barbara Russell
Marion Elizabeth Swan
Alice Drew Tomlinson
Alice Ward Wilson†[4]
Priscilla Eleanor Wood†[3]¶

Bachelors of Science

Don Alexander Belden
William Raymond Canty
Henry Dwight Carle
Charles Andrews Danolds
Stuart Dunshee Douglas[2]
Harold Dewey Ellsworth†||
Kenneth McKenzie Gorham
Franklin Adrian Hebard
Roland Carlysle Holbrook
Frederick Langdon Jones
Dexter Horace Mead
Charles Lynn Montgomery
Paul Eli Pitkin
Robert Leroy Taylor
Hazel Elizabeth Coburn
Hazel Florence Grover†
Dorothy Mabel Hutchinson[1]
Elizabeth Greenleaf Johnson[10]
Eleanor Garretson Layton†[9,12]¶
Dorothy Nash
Gertrude Agnes Perkins
Thelma Ruth Putnam[3]
Nellie Margaret Roberts[3]
Delsey Ruth Severy
Helen Sophia Bullard Stilphen

|| Valedictory Honors (for men)
|| * Valedictory Honors (for women)
§ Salutatory Honors (for men)
§* Salutatory Honors (for women)
‡ Degree conferred *magna cum laude*
† Degree conferred *cum laude*
¶ Phi Beta Kappa
[1] High Honors in Biology
[2] High Honors in Chemistry
[3] Honors in Chemistry
[4] Honors in English
[5] High Honors in French
[6] Honors in French
[7] High Honors in German
[8] High Honors in History
[9] Honors in History
[10] Honors in Home Economics
[11] High Honors in Latin
[12] High Honors in Mathematics

PRIZES AWARDED

PRIZE SPEAKING AWARDS

MERRILL PRIZES

Class of 1921

First Prize. Donald Edward Homans
Second Prize. Raymond Smith Noonan
Third Prize. Lawrence Jonathan Pierce
Fourth Prize. Francis Patrick Carrigan

PARKER PRIZES

Class of 1922

First Prize. James Rankin Geddes
Second Prize. John Howard White

PRIZES IN HORACE

First Prize. Frances Lee Wiley, '21
Second Prize. Edith Jane Best, '21
Third Prize. Angeline Marion Simpson, '21
Fourth Prize. Elizabeth Dorothy Novak, '21

KELLOGG PRIZES

First Prize. Alice Ward Wilson, '19
Second Prize. Mary Edith Bliss, '20, and Frances Lee Wiley, '21

DEACON BOARDMAN PEACE PRIZE

Malcolm Gilmore Wright, '20

STUDENTS

[The letter *a* after the name of a student indicates that he is a candidate for the degree of Bachelor of Arts; the letter *s*, that he is a candidate for the degree of Bachelor of Science.]

GRADUATE STUDENT

Roscoe Edwin Dake, '18	*Greenfield Center, N. Y.*	

SENIORS: CLASS OF 1920

Charles Effingham Bartlett	*s*	*Newport*	19 Starr Hall
William Savage Brackett	*s*	*New Britain, Ct.*	D. K. E. House
David Joseph Breen	*s*	*College Point, N. Y.*	5 Hepburn Hall
Herbert Cecil Brokenshire	*s*	*Middlebury*	4 Hepburn Hall
Haskins Bishop Canfield	*s*	*Somerville, N. J.*	D. K. E. House
Frederick Henry Carpentier	*s*	*Rutland*	4 Hepburn Hall
John King Cheesman	*s*	*Providence, R. I.*	D. K. E. House
Guy Newton Christian	*s*	*Georgetown, Mass.*	7 Starr Hall
Samuel Cohen	*a*	*Newark, N. J.*	3 Starr Hall
Hollis Raymond Cooley	*a*	*Randolph Center*	31 Hepburn Hall
Guy Omeron Coolidge	*a*	*Rutland*	5 Hepburn Hall
Raymond Kellogg Farnham	*a*	*Shoreham*	31 Starr Hall
Percy Earl Fellows	*a*	*Derby Center*	K. D. R. House
Walbridge Birney Fullington	*a*	*Johnson*	41 Hepburn Hall
Alan Winslow Furber	*s*	*Brookline, Mass.*	18 Painter Hall
Samuel Theodore Ginsburg	*s*	*Waterbury, Ct.*	23 Starr Hall
Allan Leonard Grant	*a*	*Bristol*	8 Hepburn Hall
Homer Blakely Harris	*s*	*Middlebury*	Middlebury, R. F. D.
Albert Austin Houghton	*s*	*Wallingford*	17 Painter Hall
William Allen Huggard	*a*	*Brookfield*	31 Hepburn Hall
Joseph Philip Kasper	*s*	*New York, N. Y.*	17 Starr Hall
Charles Stanley Kinne	*a*	*West Pawlet*	K. D. R. House
David Philip Locklin	*a*	*Richford*	49 Hepburn Hall

Edgar Lawrence Lord	*s*	*Dennis, Mass.*	21 Starr Hall
William Edwin McMaster	*a*	*North Thetford*	49 Hepburn Hall
Roland Ernest McSweeney	*s*	*St. Johnsbury*	29 Starr Hall
Arthur Gordon Miesse	*s*	*Ridgewood, N. J.*	28 Hepburn Hall
Solymn Donald Miner	*a*	*Brandon*	K. D. R. House
Daniel Howard Moreau	*s*	*Freehold, N. J.*	Chi Psi Lodge
Raymond Corwin Mudge	*s*	*Ludlow*	15 Hepburn Hall
Clesson Wallace Parker	*s*	*New Britain, Ct.*	D. K. E. House
David Willard Reid	*s*	*Adams, Mass.*	Chi Psi Lodge
Emerson Baldwin Ross	*s*	*Poultney*	Chi Psi Lodge
Stewart Ross	*a*	*West Rutland*	27 Starr Hall
Ralph Egbert Sincerbox	*s*	*Wassaic, N. Y.*	1 Hepburn Hall
Carroll Ross Stearns	*s*	*Bristol*	Chi Psi Lodge
Harold Butler Tatro	*s*	*North Adams, Mass.*	D. K. E. House
Henry Seely Thomas	*s*	*Middlebury*	3 South St.
Gilbert Brewer Thomson	*s*	*Amherst, Mass.*	17 Hepburn Hall
John Benedict Todd	*a*	*Bristol*	K. D. R. House
Leo Bernard Towers	*s*	*Castleton*	Chi Psi Lodge
George Harold Woodward	*s*	*Camden, N. J.*	27 Hepburn Hall
Malcolm Gilmore Wright	*a*	*Rutland*	9 Hepburn Hall

JUNIORS: CLASS OF 1921

Philip Deane Aines	*s*	*Middlebury*	41 South St.
Robert Truman Aldrich	*s*	*Rutland*	45 Hepburn Hall
George Washington Barnes	*s*	*Plattsburg, N. Y.*	6 Hepburn Hall
LeRoy Rollin Bigelow	*a*	*Rutland*	39 Hepburn Hall
Frederick Clarence Brigham	*a*	*Rutland*	24 Starr Hall
Lorimer Hamilton Brown	*s*	*Manchester Center*	14 Starr Hall
James Harold Burckes	*s*	*Waltham, Mass.*	9 Painter Hall
William Cohen	*s*	*Newark, N. J.*	3 Starr Hall
Ronald Jeremiah Darby	*s*	*Whitefield, N. H.*	29 Starr Hall
Sam Pettengill Davis	*s*	*Newport*	K. D. R. House
Harold Dewey Elmer	*s*	*Middlebury*	K. D. R. House
Ernest Chester Franklin	*s*	*South Newbury*	17 Hepburn Hall
Earle Victor Good	*s*	*Bridgeport, Ct.*	7 Starr Hall
Arthur Tatner Harding	*s*	*W. Boothbay Harbor, Me.*	10 Painter Hall
Charles Jason Haugh, Jr.	*s*	*Waterbury, Ct.*	K. D. R. House

Winford Eddy Heath	*s*	*Johnson*	41 Hepburn Hall
Linwood Brackett Law	*s*	*Morrisville*	21 Starr Hall
Leon Worrick McFee	*s*	*Canajoharie, N. Y.*	21 Hepburn Hall
William Kennedy MacMurtry	*a*	*Middlebury*	Middlebury, R. F. D.
John Wilbur Mead	*a*	*Rutland*	5 Starr Hall
George Miske	*s*	*Waterbury, Ct.*	123 South Main St.
Dwight Lyman Moody	*a*	*Middelbury*	22 Seminary St.
Raymond Smith Noonan	*s*	*Buffalo, N. Y.*	3 Hepburn Hall
Andrew George Osteyee	*a*	*Poultney*	9 Starr Hall
Lawrence Jonathan Pierce	*s*	*Hyde Park, Mass.*	K. D. R. House
George Durham Rothermel	*s*	*Camden, N. J.*	28 Hepburn Hall
Russel Mussey Sanford	*s*	*Lakeside, Cal.*	45 Hepburn Hall
Robert Batchelder Shepardson	*a*	*Reading, Mass.*	D. K. E. House
Clifford Wayne Spencer	*a*	*Maryland, N. Y.*	25 Starr Hall
Gordon Augustus Swan	*s*	*Glens Falls, N. Y.*	Chi Psi Lodge
Arnold Bowerman Swift	*s*	*W. Falmouth, Mass.*	48 Hepburn Hall
Robert Peckham Valentine	*s*	*Akron, Ohio*	32 Hepburn Hall
George Thomas Whitmore, Jr.	*s*	*Mogadore, Ohio*	32 Hepburn Hall

SOPHOMORES: CLASS OF 1922

Julian MacLaurie Bishop	*a*	*Middlebury*	20 Hepburn Hall
Karl August Brautigam	*s*	*South Orange, N. J.*	D. K. E. House
Robert Harwood Brokenshire	*s*	*Winchester, N. H.*	9 Starr Hall
Harry Earle Brown	*a*	*Rutland*	5 Starr Hall
Gerald Hemenway Cabot	*s*	*Windsor*	27 Hepburn Hall
Jeremiah Curtin Cardell	*s*	*Bristol*	K. D. R. House
Francis Patrick Carrigan	*a*	*Middlebury*	Battell Block
William Raymond Cole	*s*	*Orleans*	29 Hepburn Hall
George Arthur Cowles	*a*	*Derby Line*	19 Hepburn Hall
Charles Winthrop Crew	*s*	*Dalton, Mass.*	28 Starr Hall
Stanley Roderick Dixon	*s*	*New Britain, Ct.*	30 Starr Hall
James Rankin Geddes	*s*	*Flushing, L. I.*	20 Starr Hall
Rutherford John Gettens	*s*	*Mooers, N. Y.*	51 Hepburn Hall
Roger Truman Hall	*s*	*Readfield Depot, Me.*	48 Hepburn Hall
John Boyer Harvey	*a*	*Willimantic, Ct.*	30 Starr Hall
Earle Eudell Haskins	*s*	*Bradford*	Chi Psi Lodge
John Brennan Horner	*s*	*West Pawlet*	33 Hepburn Hall

Charles Edwin Howard	*s*	*Arlington, N. Y.*	Dr. Collins's
Fred Eugene Jewett	*s*	*Hallowell, Me.*	16 Starr Hall
George Richard Julian	*s*	*Houlton, Me.*	16 Starr Hall
Byron Francis Kelly	*s*	*Woodstock*	Chi Psi Lodge
George Joseph Keppler	*s*	*Woodland, N. Y.*	20 Starr Hall
Merton Donald LaFountain	*a*	*Newport*	K. D. R. House
Henry Elliott Lane	*s*	*Ottawa, Can.*	30 Hepburn Hall
Herbert Carl Leach	*s*	*Pawlet*	2 Hepburn Hall
Maurice Foote Lee	*s*	*Vergennes*	3 Hepburn Hall
George Truman Lewis	*s*	*Crown Point, N. Y.*	K. D. R. House
William Maxfield Meacham	*s*	*Morrisville*	25 Starr Hall
James Albert Mooney	*s*	*Wallingford*	10 Painter Hall
Howard Pierce Nelson	*s*	*Salisbury*	19 Starr Hall
Henry Emanuel Nilsen	*s*	*New Britain, Ct.*	40 Hepburn Hall
James Henry Noble	*a*	*Fair Haven*	19 Hepburn Hall
Ridley Jesse Norton	*s*	*Bristol*	2 Hepburn Hall
John Hermon Prescott	*s*	*Summit, N. J.*	43 Hepburn Hall
Kenneth Morgan Preston	*s*	*Salisbury*	Salisbury
Charles Henry Reinbrecht	*a*	*Ridgewood, N. J.*	38 Hepburn Hall
Malcolm Ross	*s*	*Rutland*	27 Starr Hall
Paul Mylrea Ross	*s*	*Poultney*	Chi Psi Lodge
John Charles Saur	*s*	*Bridgeport, Ct.*	Chi Psi Lodge
Hadley George Spear	*s*	*Woodstock*	38 Hepburn Hall
Edmund Farrington Stockwell	*a*	*Montpelier*	Chi Psi Lodge
Leighton Tilton Wade	*s*	*Rutland*	24 Starr Hall
Carroll Southwick White	*s*	*Clinton, Mass.*	23 Hepburn Hall
Robert Holzer Whitney	*s*	*Bridgeport, Ct.*	16 Hepburn Hall
Durward Scott Yates	*s*	*Glen Ridge, N. J.*	26 Hepburn Hall

FRESHMEN: CLASS OF 1923

Murray I. Adams	*s*	*Swampscott, Mass.*	15 Hepburn Hall
Stanton Eddy Ashley	*s*	*New Britain, Ct.*	47 Hepburn Hall
Guilford Marks Austin	*s*	*Margaretville, N. Y.*	24 Hepburn Hall
Charles Curtis Baldwin	*s*	*Rutland*	Chi Psi Lodge
Milton Loyal Barnes	*s*	*Pittsford Mills*	20 Hepburn Hall
Allen Douglass Bliss	*a*	*Cornwall*	Middlebury, R. F. D.

Sanford Arthur Carroll	*s*	*East Brimfield, Mass.*	6 Starr Hall
Robert Alger Clark	*s*	*Readsboro*	37 Hepburn Hall
Carlisle Francis Coates	*s*	*Montpelier*	28 Starr Hall
Ralph Webber Coates	*s*	*West Lynn, Mass.*	10 Starr Hall
Chester Russell Corsen	*s*	*Worcester, Mass.*	7 Hepburn Hall
Charles Newman Crewdson, Jr.	*s*	*Chicago, Ill.*	35 Hepburn Hall
John Louis Donnelly	*s*	*Auburn, N. Y.*	29 Hepburn Hall
Alfred Avery Draper	*s*	*Cleveland, Ohio*	6 Starr Hall
Erwin Ewald Drost	*s*	*Milwaukee, Wis.*	7 Hepburn Hall
Russell Ellsworth Duncan	*s*	*Middlebury*	Battell Block
Leslie Harold Dunnells	*s*	*Hardwick*	14 Painter Hall
Henry Howard Eddy	*s*	*North Clarendon*	6 Hepburn Hall
William Harold Farnham	*s*	*Shoreham*	31 Starr Hall
William Henry Fitzpatrick	*s*	*Ottawa, Can.*	30 Hepburn Hall
Albert Frank Gollnick	*s*	*Milwaukee, Wis.*	11 Starr Hall
Cornell Gilbert Gray	*s*	*Shushan, N. Y.*	12 Starr Hall
Albert Arthur Greene, Jr.	*s*	*Middletown Springs*	37 Hepburn Hall
Alden Kelley Hay	*a*	*Derby*	K. D. R. House
Lhoyd Thompson Hayward	*s*	*Montpelier*	42 Hepburn Hall
Reginald Grant Hodsdon	*s*	*Rutland*	44 Hepburn Hall
Harry Joseph Hulihan	*s*	*Center Rutland*	34 Hepburn Hall
Clyde Clifton Jakway	*s*	*Brattleboro*	25 Hepburn Hall
George Raymond Jenkins	*s*	*Morrisville*	26 Starr Hall
Eddie Stephen Kalin	*s*	*New Britain, Ct.*	47 Hepburn Hall
Wallace Carl Kamens	*a*	*Bridgeport, Ct.*	40 Hepburn Hall
Percy McKinley Kelley	*s*	*Derby*	22 Starr Hall
George Lawrence Kinne	*s*	*West Pawlet*	33 Hepburn Hall
Edwin Julian Klock	*s*	*Wallingford*	50 Hepburn Hall
Ilbert Osmond Lacy	*s*	*Camden, N. J.*	26 Starr Hall
William Henry Lawton	*a*	*Trenton, N. J.*	15 Starr Hall
Charles Leslie Leonard, Jr.	*s*	*Poultney*	8 Hepburn Hall
Radcliffe Wilson Lyon	*s*	*Stamford, N. Y.*	51 Hepburn Hall
Allan Burton MacDonnell	*s*	*Ayer, Mass.*	Chi Psi Lodge
William George McGrath, Jr.	*s*	*Westfield, Mass.*	43 Hepburn Hall
Henry Beane Margeson	*s*	*Portsmouth, N. H.*	22 Hepburn Hall
Adolph George May	*s*	*Lynn, Mass.*	10 Starr Hall
Charles Franklin Messenger	*s*	*Dalton, Mass.*	13 Starr Hall

Leslie Gilbert Moyles	*a*	*St. Johnsbury*	46 Hepburn Hall
Clifford Arthur Oakley	*s*	*Newport*	18 Hepburn Hall
Ernest Edwin Olson	*s*	*West Rutland*	14 Painter Hall
Harry Goddard Owen	*a*	*Port Henry, N. Y.*	44 Hepburn Hall
Robert Edward Parry	*s*	*Granville, N. Y.*	18 Hepburn Hall
Seth Hubble Peck	*a*	*Morrisville*	25 Hepburn Hall
Melvin Alfred Perkins	*s*	*Rutland*	39 Hepburn Hall
Merwin Oscar Peterson	*s*	*New Britain, Ct.*	26 Hepburn Hall
Barney Fred Potratz	*s*	*Milwaukee, Wis.*	11 Starr Hall
Alfred Wood Quackenbush	*a*	*Cornwall-on-Hudson, N. Y.*	13 Hepburn Hall
Hugo John Ratti	*s*	*Proctor*	K. D. R. House
Alexander Rennie	*s*	*Barre*	22 Starr Hall
Eugene Locke Robinson	*s*	*Windsor*	Chi Psi Lodge
Clarence Elmer Rogers	*a*	*Barre*	50 Hepburn Hall
Alfred Mortimer Roscoe	*s*	*New Haven*	36 Hepburn Hall
Donald Ross	*a*	*West Rutland*	13 Painter Hall
Philip Rudnick	*a*	*Williamstown, Mass.*	35 Hepburn Hall
Lloyd William Runyan	*s*	*Buffalo, N. Y.*	18 Painter Hall
Paul Gorham Sears	*s*	*Ludlow*	12 Starr Hall
Norbert David Sevigny	*s*	*West Rutland*	13 Painter Hall
Cyril Edward Shelvey	*s*	*Rutland*	8 Starr Hall
Rowland Rawson Shepardson	*a*	*Reading, Mass.*	13 Hepburn Hall
Edward Arthur Sikorski	*s*	*North Bergen, N. J.*	13 Starr Hall
Orville Tanner Sincerbox	*s*	*Wassaic, N. Y.*	14 Starr Hall
René Maurice Stéphan	*a*	*Melun, Seine et Marne, France*	3 Weybridge St.
Carroll Edward Stevens	*s*	*Hallowell, Me.*	9 Hepburn Hall
Samuel James Thompson	*s*	*Greenwich, N. Y.*	46 Hepburn Hall
William Emerson Tucker, Jr.	*s*	*Ipswich, Mass.*	21 Hepburn Hall
James Dexter Walcott, Jr.	*s*	*New Britain, Ct.*	24 Hepburn Hall
Basil Barry Walsh	*s*	*Dorset*	8 Starr Hall
Lester Dow Watson	*s*	*Dorchester, Mass.*	17 Painter Hall
Donald Fessenden Weekes	*s*	*Belmont, Mass.*	15 Starr Hall
Henry Blackinton Wells	*a*	*Woodhaven, L. I.*	42 Hepburn Hall
Philip Mather Whitney	*s*	*Bridgeport, Ct.*	16 Hepburn Hall
Hubert Watson Williams	*s*	*New Britain, Ct.*	22 Hepburn Hall
John Harold Wright	*s*	*Shoreham*	34 Hepburn Hall

THE WOMEN'S COLLEGE

IN CONNECTION WITH MIDDLEBURY COLLEGE

ELEANOR SYBIL ROSS, Dean

IN 1883 Middlebury College opened its doors to women, and offered to them the same courses and privileges afforded to men. In 1902 a charter was granted for an affiliated College for Women, and steps have been taken toward two coördinate institutions, one for men and one for women, as fast as resources have allowed. It is believed that both men and women are better for the distinct social life of separate colleges, but that the greater economy in administration and instruction when the education of both sexes is conducted under the same corporate management and by the same Faculty justifies affiliated institutions in the same locality.

The President and Fellows of Middlebury College exercise full supervision and control of the Women's College. They are authorized to receive gifts for scholarships and professorships for the benefit of women students, for buildings for women, and for the general purposes of the Women's College. Bequests, legacies, and gifts for the education of women in connection with Middlebury College should be made payable to "The President and Fellows of Middlebury College."

The requirements for admission to the Women's College are the same as those for men. Women are taught by the same Faculty as men, and enjoy the same privileges in the Library and Laboratories. All courses of instruction are open to them, and they have equal opportunities in every department of the College. They are accorded the degree of A.B. or B.S. upon graduation, and may attain the degree of A.M. or M.S.

Pearsons Hall, completed in 1911 with a portion of the D. K. Pearsons Fund of $100,000, accommodates, with Battell, Hillside and Hillcrest Cottages, about one hundred and sixty women. The College will provide residence for women, except where special permission is obtained to reside elsewhere.

STUDENTS

GRADUATE STUDENT

Mary Evelyn Houston, Carleton College	*Beloit, Wis.*

SENIORS: CLASS OF 1920

Ida Buena Anderson	*a Cornish, N. H.*	6 Pearsons Hall
Mary Edith Bliss	*a Cornwall*	Middlebury, R. F. D.
Ruby Evelyn Bruffee	*s So. Royalston, Mass.*	20 Pearsons Hall
Ruth Alice Cambridge	*s Somerville, Mass.*	23 Pearsons Hall
Catherine Mary Carrigan	*a Middlebury*	Battell Block
Anna Luella Kragvig Clark	*s Peru, N. Y.*	25 Pearsons Hall
Helen Lynch Clark	*a Ferrisburg*	32 Pearsons Hall
Alice Mary Corttis	*a No. Grosvenor Dale, Ct.*	24 Pearsons Hall
Constance Dana	*a Rutland*	15 Weybridge St.
Estelle Julia Foote	*a Cornwall*	22 Pearsons Hall
Agnes Kathleen Garrow	*s Paducah, Ky.*	Hillcrest Cottage
Gertrude Grace Graves	*a Walpole, N. H.*	36 Pearsons Hall
Marie Veronica Henrichon	*a Rutland*	32 Pearsons Hall
Elsa Emelia Holmstrom	*a Worcester, Mass.*	21 Pearsons Hall
Mildred Harriett Hubbard	*s Walpole, N. H.*	38 Pearsons Hall
Ruth Mary Joslin	*a Waitsfield*	38 Pearsons Hall
Fannie Esther Lincoln	*s Concord, N. H.*	Hillcrest Cottage
Anna Pauline Locklin	*a Richford*	22 Pearsons Hall
Emily Millard	*a Tarrytown, N. Y.*	4 Pearsons Hall
Florence Millard	*a Tarrytown, N. Y.*	4 Pearsons Hall
Gertrude Victoria Moore	*a Alstead, N. H.*	28 Pearsons Hall
Marion Margaret Mullings	*a Bristol*	30 Pearsons Hall
Mary Magdaline O'Neil	*a So. Hingham, Mass.*	31 Pearsons Hall
Eletta Ella Pease	*a Middlebury*	37 Pleasant St.

Madine Johnson Rogers	*a Barre*	26 Pearsons Hall
Mary Louise Smith	*a Middlebury*	5 College St.
Faustine Charlotte Thomas	*a North Adams, Mass.*	31 Pearsons Hall
Addie Lorette Thompson	*a Weybridge*	20 Pearsons Hall
Ethel Wells	*s Berlin, N. Y.*	2 Pearsons Hall

JUNIORS: CLASS OF 1921

Ruth Louise Adams	*s Randolph*	37 Pearsons Hall
Ruth Lindley Ashworth	*s Worcester, Mass.*	29 Pearsons Hall
Isabel Dora Bardwell	*s Belchertown, Mass.*	30 Pearsons Hall
Edith Jane Best	*a Walpole, N. H.*	39 Pearsons Hall
Dorothy Deane Bliss	*a Cornwall*	Middlebury, R. F. D.
Rita Lodoska Bole	*a Hardwick*	10 Pearsons Hall
Gertrude Minnetta Bryant	*a W. Brookfield, Mass.*	1 Pearsons Hall
Esther Ingeborg Carlson	*a Proctor*	1 Pearsons Hall
Mildred Violetta Cole	*a Bloomingdale, N. Y.*	36 Pearsons Hall
Elizabeth Marguerite Conlon	*a Cornwall*	13 College St.
Edith Marie Cowles	*a Derby Line*	34 Pearsons Hall
Lillian Johnson Deans	*a North Adams, Mass.*	27 Pearsons Hall
Helen Margaret Hogan	*a Waterbury, Ct.*	12 Pearsons Hall
Ruth Burbeck Johnson	*s Montpelier*	35 Pearsons Hall
Marie Anna Kilbride	*a Waterbury, Ct.*	9 Pearsons Hall
Grace Evelyn Kingsley	*s Canaan*	Hillside Cottage
Ona Mabel Ladd	*a Randolph*	11 Pearsons Hall
Florence Harris Langley	*a Newton Highlands, Mass.*	28 Pearsons Hal
Kathryn Marjorie Mara	*a Passaic, N. J.*	12 Pearsons Hall
Elizabeth Dorothy Novak	*a Middlebury*	71 Main St.
Carleta A. Ottman	*s Schenectady, N. Y.*	6 Pearsons Hall
Emma Schaefer	*s New Britain, Ct.*	29 Pearsons Hall
Angeline Marion Simpson	*a Rutland*	27 Pearsons Hall
Lucy Melvina Stearns	*a South Royalton*	13 College St.
Janet McLean Taylor	*s Mexico, N. Y.*	2 Pearsons Hall
Corinne Marshall Weber	*a Hyannis, Mass.*	21 Pearsons Hall
Dorothy Farnham Whitney	*a South Sudbury, Mass.*	39 Pearsons Hall
Frances Lee Wiley	*a Waltham, Mass.*	24 Pearsons Hall

SOPHOMORES: CLASS OF 1922

Ruth Anna Aldrich	*a*	*Derby Line*	34 Pearsons Hall
Doris Ashworth	*s*	*Leicester, Mass.*	Hillside Cottage
Fanny Barnes	*s*	*Plattsburg, N. Y.*	Hillcrest Cottage
Cleora Frances Barney	*s*	*Enfield, Ct.*	Battell Cottage
Margaret Irene Billings	*s*	*Walpole, Mass.*	Hillside Cottage
Karen Elizabeth Carlson	*a*	*West Rutland*	Battell Cottage
Hazel Genevieve Chase	*a*	*Brattleboro*	48 Pearsons Hall
Mary Priscilla Chase	*a*	*Rumford, R. I.*	48 Pearsons Hall
Bernice Katherine Clapp	*a*	*Richford*	Battell Cottage
Ruth Eliza Coolidge	*a*	*Bellows Falls*	Hillcrest Cottage
Marion Hill Crathern	*a*	*Mason, N. H.*	Hillcrest Cottage
Margaret Caroline Dickinson	*a*	*Amherst, Mass.*	40 Pearsons Hall
Dorothy Douglas	*a*	*Bristol*	Hillcrest Cottage
Beatrice Florence Dumas	*a*	*Middlebury*	11 College St.
Rena Claire Dumas	*a*	*Middlebury*	12 College St.
Kathryn Helen Finnegan	*a*	*Worcester, Mass.*	41 Pearsons Hall
Gertrude Louise Gibbons	*a*	*Salisbury, Mass.*	40 Pearsons Hall
Amy Ella Goodell	*a*	*Brattleboro*	Battell Cottage
Eveline Roberts Houghton	*a*	*Wallingford*	5 Franklin St.
Margaret Bell Jenkins	*s*	*Waterbury, Ct.*	Hillside Cottage
Ida Louise Jennings	*a*	*Green's Farms, Ct.*	Battell Cottage
Janet Keach	*a*	*Salisbury*	11 College St.
Helen Marguerite Kilbride	*a*	*Waterbury, Ct.*	9 Pearsons Hall
Alice May Kirkpatrick	*s*	*No. Leominster, Mass.*	Battell Cottage
Alice Evelyn Ladd	*a*	*West Woodstock*	A Pearsons Hall
Anne Augusta Littlefield	*a*	*Newburyport, Mass.*	Battell Cottage
Ruth Lillie McArthur	*s*	*Glens Falls, N. Y.*	Hillside Cottage
Dorothy Helen Mackay	*a*	*South Peacham*	Battell Cottage
Mildred Frances Monroe	*a*	*Bristol*	A Pearsons Hall
Grace Elizabeth Monty	*a*	*Hudson Falls, N. Y.*	25 Pearsons Hall
Ruth Almira Moulton	*a*	*Derby*	7 Weybridge St.
Doris Marguerite Pinney	*s*	*Dalton, Mass.*	37 Pearsons Hall
Florinne Blanche Pratt	*a*	*Diamond Point, N. Y.*	7 Weybridge St.
Aimee Adora Putnam	*s*	*Greenfield, Mass.*	Battell Cottage
Alice Anne Ryan	*s*	*Fair Haven*	Hillcrest Cottage
Alice Genevieve St. Pierre	*a*	*Brandon*	13 College St.
Mary Jane Sanderson	*a*	*Windsor*	33 Pearsons Hall

Aroline Hathaway Sargent	*a Deerfield, Mass.*	25 College St.
Elsie Sophia Scott	*s Greenfield, Mass.*	B Pearsons Hall
Harriet Adelia Scott	*a Medford, Mass.*	Hillside Cottage
Julia Bernadine Sullivan	*a Waterbury, Ct.*	Battell Cottage
Edith Helen Tallmadge	*s Albany, N. Y.*	Battell Cottage
Marion Elizabeth Tilden	*a Barre*	Hillside Cottage
Marion Ellen Willey	*a Barre*	Hillside Cottage
Lila Evetta Winchester	*a Pawlet*	Battell Cottage
Hilda Elizabeth Woodruff	*a Middlebury*	123 South Main St.
Alma Atherton Wright	*a Santo Domingo, West Indies*	Hillside Cottage

FRESHMEN: CLASS OF 1923

Lulu Helen Abel	*a Naugatuck, Ct.*	Battell Cottage
Lillian Elsie Barclay	*a Watertown, Mass.*	46 Pearsons Hall
Muriel Anne Barker	*a Unionville, Ct.*	1 Franklin St.
Elsie Josephine Barrell	*a White River Junction*	Battell Cottage
Beatrice Williams Benedict	*a New Haven*	13 College St.
Helen Iva Benedict	*a Ticonderoga, N. Y.*	46 Pearsons Hall
Pearl Elizabeth Blackburn	*a Townshend*	Battell Cottage
Katherine Elizabeth Bolger	*a Adams, Mass.*	45 Pearsons Hall
Helen Elizabeth Bolton	*a Troy, N. Y.*	Hillcrest Cottage
Martha Harriette Bolton	*a Troy, N. Y.*	Hillcrest Cottage
Dorothy Ellen Brainerd	*a Middlebury*	39 Seminary St.
Barbara Taber Browning	*s West Orange, N. J.*	Battell Cottage
Jean Elizabeth Bruffee	*s South Royalston, Mass.*	Battell Cottage
Marion Charlotte Buffum	*a Burlington*	7 Weybridge St.
Jessie Edna Burgess	*s Hoosick Falls, N. Y.*	D Pearsons Hall
Mary Vail Button	*a Brandon*	7 Weybridge St.
Elsie Lois Campbell	*s Leominster, Mass.*	42 Pearsons Hall
Mary Frances Caswell	*a Middlebury*	45 Seminary St.
Florence Gregg Clarke	*a Salisbury*	1 Franklin St.
Ethel May Davis	*a Fitchburg, Mass.*	38 South St.
Vie Sylvia Dole	*s Danville*	Battell Cottage
Harriet Fitch Fillmore	*a Mooers, N. Y.*	Hillcrest Cottage

Prudence Hopkins Fish	*a*	*Vergennes*	Hillside Cottage
Madelene Hayward Fletcher	*a*	*Rutland*	7 Weybridge St.
Esther Frost	*a*	*St. Johnsbury*	Hillcrest Cottage
Mary Katherine Gahagan	*a*	*Oxford, Mass.*	7 Weybridge St.
Ella Bertha Galbraith	*a*	*Charlemont, Mass.*	38 South St.
Madeleine Irene Gaylor	*s*	*Cliftondale, Mass.*	35 Pearsons Hall
Margaret Elizabeth Graham	*a*	*Middlebury*	1 Court St.
Lorinda Stevens Hardy	*a*	*Danville*	10 Pearsons Hall
Merna Grace Hicks	*a*	*Ashuelot, N. H.*	Hillcrest Cottage
Emily Pond Hobbs	*a*	*Worcester, Mass.*	Battell Cottage
Elizabeth McDowell Jacobs	*s*	*Wilmington, Del.*	Battell Cottage
Adele Sabra Jones	*a*	*Swanton*	Hillside Cottage
Bertha Louise Kelly	*s*	*Woodstock*	7 Weybridge St.
Mildred Barbara Kienle	*a*	*Easthampton, Mass.*	47 Pearsons Hall
Daisy Clarke Kimball	*a*	*Bellows Falls*	Battell Cottage
Esther Margaret Langwill	*a*	*Bellows Falls*	45 Pearsons Hall
Margaret Elizabeth Lee	*a*	*Easthampton, Mass.*	47 Pearsons Hall
Mary Evelyn Leonard	*s*	*Poultney*	Battell Cottage
Alice Buck Littlefield	*a*	*Norwood, Mass.*	Hillcrest Cottage
Muriel Minturn Long	*a*	*Waterbury, Ct.*	Hillcrest Cottage
Mary Ellen Loughrey	*a*	*Worcester, Mass.*	Hillcrest Cottage
Agnes Marguerite Loukes	*a*	*Rutland*	7 Weybridge St.
Madeline Nicholson McDonald	*a*	*Barre*	Hillside Cottage
Cecilia Agnes McDonough	*a*	*West Rutland*	Hillside Cottage
Helen Louise McNulty	*s*	*Rutherford, N. J.*	11 Weybridge St.
Marion Edith Maranville	*s*	*Wallingford*	31 Court St.
Reba Veronica Maxfield	*a*	*Brandon*	13 College St.
Katharine Lois Maxon	*a*	*Berlin, N. Y.*	Battell Cottage
Dorothy Florence Newton	*a*	*Wallingford*	Hillcrest Cottage
Mildred Harriette Parkhill	*a*	*Cornwall*	13 College St.
Dorothy Mitta Parsons	*a*	*Southampton, Mass.*	Battell Cottage
Margaret Perry Porter	*a*	*Walpole, N. H.*	7 Weybridge St.
Helen Clark Prageman	*s*	*Tracy, Ct.*	Hillcrest Cottage
Hazel Oliver Proctor	*a*	*Fair Haven*	7 Weybridge St.
Grace Louise Provencher	*a*	*Crown Point, N. Y.*	19 Weybridge St.
Grace Katharine Regan	*a*	*Waterbury, Ct.*	Hillcrest Cottage
Maybelle Eliza Norma Rice	*s*	*Seward, Alaska*	Battell Cottage

Catherine Emma Robbins	*a Cornwall*	121 South Main St.
Kathryn Julia Rogers	*a Barre*	26 Pearsons Hall
Evelyn Blanche Ryle	*s Montpelier*	Hillcrest Cottage
Beulah Mary Scott	*a Greenfield, Mass.*	C Pearsons Hall
Beatrice Augusta Scovell	*a Brattleboro*	Hillcrest Cottage
Edith Putnam Sibley	*a Bennington*	Hillcrest Cottage
Dorothy Belle Slayton	*a Montpelier*	Hillcrest Cottage
Elizabeth Spencer	*a Brattleboro*	Battell Cottage
Mildred Grace Stewart	*a Mooers, N. Y.*	Hillcrest Cottage
Barbara Stilphen	*a Swanton*	Hillcrest Cottage
Lillian Myrtle Taylor	*a Spencer, Mass.*	Hillcrest Cottage
Gladys Rosebell Thompson	*a South Ryegate*	11 Pearsons Hall
Mae Charlotte Thorpe	*s Brandon*	1 Pleasant St.
Marian Warren Travis	*s Framingham, Mass.*	Hillcrest Cottage
Ethelinda Tucker	*a Ipswich, Mass.*	Hillcrest Cottage
Marion Lucile Turner	*s Montpelier*	Hillside Cottage
Dorothy Hawley Wait	*a Dalton, Mass.*	Battell Cottage
Helen Caroline Warren	*a West Auburn, Mass.*	Hillcrest Cottage
Edith Rosalind Webster	*a Litchfield, Ct.*	Battell Cottage
Aura Dickinson Wells	*a Leominster, Mass.*	42 Pearsons Hall
Mary Elizabeth Williams	*a Rutland*	7 Weybridge St.
Ella Bascom Wright	*a Santo Domingo, West Indies*	Hillside Cottage
Ruth Etta Wright	*a Colchester*	7 Weybridge St.
Florence Letetia Yates	*a Middlebury*	70 Washington St.

SUMMER SESSION STUDENTS

1919

(E) — *English;* (F) — *French;* (M) — *Music;*
(S) — *Spanish*

Lula G. Adams, Ph.B. (Wesleyan), West Newton, Mass. (S).
Leon McK. Adkins, A.B. (Middlebury), Ticonderoga, N. Y. (E).
Philip D. Aines, Middlebury, Vt. (E).
Grace Allen, Middleboro, Mass. (S).
Margaret M. Allen, A.B. (Cornell), Interlaken, N. Y. (F).
Margaret E. Allmanritter, A.B. (Boston University), New Britain, Conn. (F).
Margit S. Amundsen, Elverum, Norway. (E).
Harriet R. Aronowitz, A.B. (New York State College for Teachers), Albany, N. Y. (F).
Helen Atwood, A.B. (Goucher), Baltimore, Md. (F).
Maude R. Babcock, Ph.B. (Cornell), Dunkirk, N. Y. (S).
Susan A. Bacon, A.B. (Mt. Holyoke), Ph.D. (Yale), Portland, Ore. (S).
May M. Badger, Portsmouth, N. H. (S).
Myra A. Bagley, A.B. (Middlebury), Rutland, Vt. (F).
Elizabeth R. Baker, New York City. (F).
Samuel N. Baker, A.B. (Brown), A.M. (Columbia), New York City (F).
Dorothy G. Balcom, Boston, Mass. (F).
Cleora F. Barney, Thompsonville, Conn. (E).
Helen D. Barrett, A.B. (Boston University), Auburn, R. I. (S).
Charlotte D. Barstow, A.B. (Wellesley), Wollaston, Mass. (S).
Augustus P. Benedict, A.B. (Middlebury), Mt. Kisco, N. Y. (E).
E. Marguerite Benjamin, A.B. (Bates), Riverhead, N. Y., (F).
Edith J. Best, Walpole, N. H. (E).
Mathilde de Beyersdorff, A.B. (Wellesley), Needham, Mass. (S).
Yvan de Biré, Paris, France. (E).

Frances Bischoff, A.B. (Mt. Holyoke), Ardmore, Pa. (S).
Loretta M. Blanchfield, A.B. (New York State College for Teachers), Salem, N. Y. (F).
William S. Brackett, New Britain, Conn. (E).
Anna Bradbury, B.L. (Swarthmore), Richmond, Ind. (S).
Edith H. Bradford, A.B. (Tufts), West Somerville, Mass. (F).
Elizabeth C. Bridge, Glen Ridge, N. J. (S).
Herbert C. Brokenshire, Middlebury, Vt. (E).
Genevieve L. Brooke, B.S. (New York State College for Teachers), Schenectady, N. Y. (F).
Ethel E. Brown, A.M. (Columbia), Forest Hills, L. I. (S).
Mary McC. Brown, B.S. (Syracuse), Camden, N. J. (F).
May C. Buckner, A.B. (Smith), Easthampton, Mass. (F).
M. Irene Burns, Middlebury, Vt. (M).
Cora L. Butler, Port Richmond, N. Y. (F).
Gertrude M. Butler, A.B. (Brown), Mansfield, Mass. (F).
Julia Byrne, Brooklyn, N. Y. (F).
Gustave Calman, A.B., A.M. (New York University), Newark, N. J. (S).
Edgar C. Campbell, A.B. (Bucknell), Danbury, Conn. (F).
Maud M. Canniff, Toledo, O. (S).
Mae H. Carrow, A.B. (Bates), Waterbury, Conn. (F).
Esther S. Cate, A.B. (Tufts), Barre, Vt. (E).
Jessie Cecile, A.B. (Hunter College), Mt. Vernon, N. Y. (F).
Amy L. Clapp, A.B. (Bryn Mawr), A.M. (University of Pennsylvania), Philadelphia, Pa. (F).
Maude B. Clark, Glastonbury, Conn. (E).
Alice W. Cobb (Mrs.), A.B. (Bates), Lewiston, Me. (S).
John W. Coburn, A.B. (Bowdoin), Lewiston, Me. (E).
Mary E. Colburn, A.B. (University of Vermont), Ocean City, N. J. (F).
Mildred V. Cole, Bloomingdale, N. Y. (E).
Elizabeth M. Conlon, Middlebury, Vt. (E).
Elsa S. Conradi, Baltimore, Md. (S).
Helen H. Consalus, A.B. (New York University), New York City. (S).
Hollis R. Cooley, Randolph Center, Vt. (M).
Guy O. Coolidge, Rutland, Vt. (E).
Ruth E. Coolidge, Bellows Falls, Vt. (E).
Alice F. Corell, Buffalo, N. Y. (F).
Harriet L. Corkran, Fort Edward, N. Y. (E).

Earl L. Cushman, A.B. (Middlebury), Brooklyn, N. Y. (F).
Ethel M. Damon, A.B. (Wellesley), New York City. (F).
Nellie F. Daniels, Whiting, Vt. (E).
Kathleen Davis, A.B. (Oberlin College), New Haven, Conn. (S).
Lucy I. Davis, A.B. (Boston University), Malden, Mass. (F).
Leslie E. Day, East Middlebury, Vt. (M).
Margaret I. Dayton, A.B. (New York State College for Teachers), Schenectady, N.Y. (F).
Marion A. Dean, A.B. (Middlebury), North Pownal, Vt. (E).
Julie B. Dennis, Brooklyn, N. Y. (S).
Seraine A. Deutsch, New York City. (M).
Ethel J. Dikeman (Mrs.), A.B. (Cornell), Cresskill, N. J. (S).
Harriet M. Dillon, B.L. (Smith), Swampscott, Mass. (F).
Frances H. Dodge, A.B. (Mt. Holyoke), Concord, N. H. (F).
Ethel M. Dorward, Barre, Vt. (M).
Katharine Duffy, B.S. (New York University), Woodhaven, N. Y. (S).
Beatrice F. Dumas, Middlebury, Vt. (E).
Rena C. Dumas, Middlebury, Vt. (M).
Mabel F. Durant, Salisbury, Vt. (E).
Marguerite Dyer, A.B. (Middlebury), Salisbury, Vt. (M).
Lucia E. Edson, A.B. (Mt. Holyoke), A.M. (University of Washington), Rutland, Vt. (E).
Robert Ehrmann, Paris, France. (E).
Martha Engell (Staats-Examen, Berlin), Catonsville, Md. (S).
Ida Erdtmann (Staats-Examen, Germany), New York City. (S).
Sue M. Fair, A.B. (Oberlin College), Chrisman, Ill. (S).
Percy E. Fellows, Derby Center, Vt. (E).
Camilla B. Ferris, Oak Park, Ill. (F).
Anna F. Fiebig, A.B. (Hunter College), New York City. (S).
Prudence H. Fish, Vergennes, Vt. (M).
Sara L. Fisher, A.B. (Smith) Cambridge, Mass. (S).
Alice J. Fiske (Mrs.), Leicester, Vt. (E).
William H. Fitzpatrick, Ottawa, Canada. (E).
Mary A. Flanagan, Brooklyn, N. Y. (E).
Agnes Flehinghaus (Staats-Examen, Teacher's College), Philadelphia, Pa. (S).
Bertha Fleishman, New York City. (F).
Dorothea G. Flesh, New York City. (S).

M. Elizabeth Francis, A.B. (Radcliffe), Springfield, Mass. (F).
Charlotte L. Friess, B.S. (Columbia), New York City. (S).
Lucy A. Gardiner, Ph.B. (Boston University), Jamestown, R. I. (F).
James R. Geddes, Flushing, L. I. (E).
Florence Geiser (Mrs.), A.B., A.M. (Oberlin), Oberlin, Ohio. (F).
Elizabeth S. Gilmore, Ph.B. (University of Vermont), Pittsford, Vt. (F).
Eunice R. Goddard, A.B. (Mt. Holyoke), A.M. (Columbia), Baltimore, Md. (F).
Gladys A. Goddard, Baltimore, Md. (F).
Frances C. Goodwin, A.B. (Smith), A.M. (Radcliffe), Boston, Mass. (F).
Emilie J. Goulding, Ph.B. (Syracuse), Syracuse, N. Y. (S).
Gertrude Goulding, Glens Falls, N. Y. (S).
Allan L. Grant, Bristol, Vt. (E).
Helen Green, A.B. (Syracuse), A.M. (Columbia), Elmhurst, L.I. (S).
Eric V. Greenfield, A.B. (Colgate), A.M. (Harvard), LaFayette, Ind. (F).
Miriam M. Groat, B.Ped. (New York State College for Teachers), Schenectady, N. Y. (F).
Douglass A. Haddock, Calais, Me. (E).
Edith Hall, A.B. (Mt. Holyoke), Adams, Mass. (F).
H. Ray Hall, A.B. (Middlebury), East Montpelier, Vt. (E).
Alice C. Halpin, A.B. (Middlebury), Middlebury, Vt. (E).
Mary E. Halpin, B.S. (Middlebury), Middlebury, Vt. (E).
Ruth E. Hamilton, A.B. (Vassar), New London, Conn. (S).
Howard E. Hamlin, B.S. (Ohio Wesleyan University), M.A. (Harvard), Boston, Mass. (E).
Josephine M. Hardy, A.B. (Wellesley), Princeton, N. J. (S).
Jessie W. Hargis, A.M. (Dickinson College), Philadelphia, Pa. (S).
Grace E. Harrah, B.L. (University of Michigan), Detroit, Mich. (S).
Rebekah M. Hartness, A.B. (Carroll College), A.M. (Columbia), Cedar Rapids, Ia. (F).
Florence J. Harvey, A.B. (Oberlin), Otto, N. Y. (S).
Grace T. Hathaway (Mrs.), Middlebury, Vt. (E).
Vernetta Hathaway, Jamaica, N.Y (F).
Amelia E. Hausman, B.S. (Middlebury), Grantwood, N. J. (S).
Harriet T. Haynes, B.L. (Mt. Holyoke), Germantown, Pa. (F).
Frances Hicks, A.B., A.M. (University of Minnesota), St. Paul, Minn. (S).
Alice T. Hill, A.B. (Barnard), Brooklyn, N. Y. (S).
Elbert B. Holmes, A.B. (Bowdoin), Middlebury, Vt. (E).

Brita L. Horner, A.B. (Bryn Mawr), Weehawken, N. J. (S).
Grete Hornich (Mrs.), Cleveland, O. (S).
Ruth Hotchkiss, Ph.B. (University of Akron), Akron, O. (F).
Mary E. Houston, A.B. (Carleton), Beloit, Wis. (F).
William A. Huggard, Brookfield, Vt. (E).
Fannie Hulett, Starksboro, Vt. (E).
Reginald W. Hunter, B.S. (Colgate), South Hadley Falls, Mass. (F).
Adelina M. Huston (Mrs.), Toledo, O. (F).
Dorothy M. Hutchinson, B.S. (Middlebury), Auburn, Me. (E).
Harry E. Jenne, Newport, Vt. (E).
Anabel Johnson, A.B., A.M. (Columbia), Charleston, Ill. (F).
Helen P. Jones, Waltham, Mass. (E).
Minnie H. Jones, New Brighton, S.I., N. Y. (F).
Ruth M. Joslin, Waitsfield, Vt. (E).
Antonie Junge, A.B. (Barnard), Brooklyn, N. Y. (F).
Charlotte M. Kearns, A.B. (Wilson), Brooklyn, N. Y. (E).
Hazel A. Keith, A.B. (Mt. Holyoke), Campello, Mass. (S).
Marguerite Kennedy, A.B. (University of Illinois), Morrison, Ill. (S).
Estella Kimmel, B.S. (Purdue), LaFayette, Ind. (F).
Elbert F. King, A.B. (Syracuse), Syracuse, N. Y. (S).
C. Stanley Kinne, West Pawlet, Vt. (E).
Henri Lacotte, Paris, France. (E).
Jacques Lacotte, Paris, France. (E).
Helen W. Lawton, Auburn, Me. (F).
Margaret E. Layman, A.M. (University of Cincinnati), Cincinnati, O. (F).
Sarah H. Leavens, A.B. (Smith), Norwich, Conn. (S).
Adèle V. Leonard, Dorchester, Mass. (M).
Max Levine, A.B. (Harvard), Boston, Mass. (F).
Clara Levy, Philadelphia, Pa. (F).
Gretchen K. Lutz, A.B. (Albion), A.M. (University of Illinois), Albion, Mich. (F).
Julia P. McCann, A.B. (Bates), Auburn, Me. (F).
Joseph F. McDermott, Jr., Fitchburg, Mass. (E).
Elizabeth B. McFarland (Mrs.), Middlebury, Vt. (M).
Jean H. McFeely (Mrs.), A.B. (Hunter), Chicopee, Mass. (F).
Mary G. McGee, Schenectady, N. Y. (F).
Paul O. Machetzki, A.B. (Midland), Ponca, Nebr. (S).

William E. McMaster, North Thetford, Vt. (E).
Mrs. Ernest MacMillan, Burlington, Ia. (F).
Roland E. McSweeney, St. Johnsbury, Vt. (E).
Richard C. Manning, Ph.D. (Harvard), Gambier, O. (S).
Marie Maschmedt, A.B. (Barnard), Elmhurst, L. I. (S).
Emma D. Mayhew, Salisbury, Vt. (E).
Laura L. Mead, A.B. (Middlebury), Middlebury, Vt. (E).
Alexina Meier, A.B. (University of Michigan), Ann Arbor, Mich. (F).
Eleanor Meldon, Rutland, Vt. (F).
Mildred Metcalf, A.B. (Boston University), Norwood, Mass. (F).
Flora A. Molwitz, A.B. (Hunter), A.M. (University of New York), New York City. (S).
Cornelius S. Moody, Middlebury, Vt. (E).
Nettie T. Moore, Ph.B. (University of Chicago), Lynchburg, Va. (S).
George A. Morlock, A.B. (Clark College), Winchendon, Mass. (F).
Jessie V. Morton, B.S. (University of Pennsylvania), Philadelphia, Pa. (F).
William E. Mott, A.B., A.M. (Hamilton), Utica, N. Y. (F).
Mary Moulton, Cambridge, Mass. (S).
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Durward S. Yates, Glen Ridge, N. J. (E).

SUMMARY

SUMMARY BY CLASSES

	Men	*Women*	*Total*
Graduate Students	1	1	2
Seniors	43	29	72
Juniors	33	28	61
Sophomores	45	47	92
Freshmen	79	83	162
	201	188	389
Summer Session			298
Total			687
Counted Twice			35
Net Total			652

CLASSIFICATION BY COURSES

UNDERGRADUATES ONLY

Men	*Candidates for A. B.*	*Candidates for B. S.*
Seniors	15	28
Juniors	8	25
Sophomores	9	36
Freshmen	14	65
Women		
Seniors	22	7
Juniors	20	8
Sophomores	35	12
Freshmen	66	17
	189	198

GEOGRAPHICAL DISTRIBUTION

UNDERGRADUATES ONLY

	Men	*Women*	*Total*
Vermont	99	88	187
Massachusetts	25	46	71
New York	24	20	44
Connecticut	18	15	33
New Jersey	14	3	17
New Hampshire	3	9	12
Maine	5	0	5
Ohio	3	0	3
Wisconsin	3	0	3
Rhode Island	1	1	2
California	1	0	1
Delaware	0	1	1
Illinois	1	0	1
Kentucky	0	1	1
Alaska	0	1	1
Canada	2	0	2
France	1	0	1
West Indies	0	2	2
	200	187	387

COLLEGE CALENDAR

1919

September 15.	Registration begins.
September 18.	Opening Exercises, Mead Memorial Chapel.
November 27.	Thanksgiving Day.
December 19 *to* January 5, 1920.	Christmas Recess.
February 7.	First Semester ends.
February 9.	Second Semester begins.
February 22.	Washington's Birthday.
March 26 *to* April 5.	Spring Recess.
May 13–15.	Junior Week.
May 30.	Memorial Day.
June 19.	Class Day. Alumni Day. June Meeting of the Phi Beta Kappa Society.
June 20.	Commencement Sunday.
June 19–21.	Commencement.
June 30 *to* August 5.	English School at Bread Loaf.
July 2 *to* August 19.	French and Spanish Schools, and School of Chemistry.
September 20.	College Year begins.
December 17 *to* January 3, 1921.	Christmas Recess.
February 5.	First Semester ends.
February 7.	Second Semester begins.

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